**KURRE SASIDHAR REDDY**

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**PROFESSIONAL SUMMARY**

* 10+ years of extensive experience in Design, Development and Maintenance of web-based applications with good knowledge and working experience on Multi-Tier Architectures using web centric technologies in Financial, Banking, Health and Insurance domains.
* Lead a 5-member Full stack Technical Development team with development tasks, follow-up, and monitoring.
* As the Java developer, I oversaw the testing process, including unit testing, integration testing, and user acceptance testing, to ensure the application meets the client's requirements.
* Experienced in full life cycle (SDLC) development involving analysis, design, development, deployment, testing, implementation & maintenance of client/server, web-based and multi- tiered applications.
* Worked with agile software development lifecycle.
* Used Rational Rose tool for the purpose of creating UML diagrams.
* Expertise with development frameworks like Spring (IOC, MVC, Security, AOP, Annotations, Tag libraries, DAO), Spring Boot.
* Excellent knowledge of front-end technologies such as HTML 5, XML, Bootstrap 3, CSS 3, JavaScript, Angular JS 2.0, AJAX and jQuery.
* Experienced and proficient in Security Framework of OWASP, BSIMM, Secure SDLC along with expertise in OWASP Top 10, SANS 25, CWE AND CVSS.
* Have Experience working in OWASP Top 10 CWE 25 with proven track record and experience in implementing and integrating remediation strategies.
* Extensive experience in Java, J2EE, JEE technologies such as JSP, JSTL, Servlets, JDBC, EJB, JPA, JMS, JNDI, JAXB, JAX-RS, AWS, GCP, AZURE
* Expertise in developing MVC architecture for web-based applications using Spring MVC framework and Servlets, JSP, JDBC, Web Services (SOAP & RESTful).
* Experience developing Kafka producers and consumers using Java as well as using the Confluent Schema Registry
* Good working knowledge with build tools like Maven, drolls and Ant.
* Excellent interpersonal and communication skills with multitasking ability.
* Having experience in Design, Development, and Implementation of Reporting Tools and by using Tableau &SQL.
* Having outstanding knowledge on using Level of Details (LOD) expressions to play with the data.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Languages** | Java, SQL, PLSQL |
| **Frameworks** | Spring (Auto-wiring, MVC, AOP, Security, ORM, JDBC Spring Boot, Hibernate, REST Easy, Jersey, Angular JS 2.0 /4.0,TABLEAU |
| **J2EE** | JSP, Servlets, JNDI, JDBC, JAX-RS, XML, JSON, JMS, JUnit |
| **App/Web Servers** | Apache HTTP Server, Apache Tomcat 6.x/7.x, Glass Fish, ActiveMQ, Open JMs, Jboss, IBM Web sphere. |
| **Databases** | Oracle 11g/12c, Microsoft SQL Server 2012/2014, MySQL |
| **Web Technologies** | HTML, Php, CSS, Java Script, XML, JQuery, Bootstrap 3.0, AJAX, OWASP Top 10, CWE 25 |
| **Tools/IDE** | NetBeans, Eclipse, SQL Developer Tool, Spring Tool Suite, IntelliJ, Postman, Diff Merge, Rational Rose based on UML, sublime, Spark, Brackets, Android Studio |
| **Build tools** | Maven |
| **Version Control tools** | GIT, CVS, SVN |
| **Operating Systems** | MS-DOS, Unix, Windows XP/7/8/10, Ubuntu Linux |

**WORK EXPERIENCE**

**Client:** **State Street, Princeton, NJ**

**Role: Lead Full Stack Java Developer Oct 2022 - Present**

**Responsibilities:**

* As the Lead Full Stack Developer, my team and I were responsible for designing and developing.
* Working as a Lead and involved in translating technical requirements into technical design documents, establishing specific solutions, and leading the efforts including programming and testing.
* Familiar with web services format XML and JSON.
* Wrote bash shell scripts for getting information about various linux servers.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Experienced on developing and deploying applications on JBoss, WebSphere, WebLogic, and Tomcat.
* Experienced in database design and development and JDBC, JNDI connectivity for Oracle (SQL, PL/SQL), MySQL.
* Build Rest full API with Java 1.8 and spring boot Imported data from AWS 53 into Spark RDD. Performed transformations and actions on RDD's.
* Implemented Hadoop and big data analytics Strong experience in working on user interface applications and professional web applications using HTML Angular JS/2. Node JS, React JS. Stencil JS. Backbone JS, Vue.js.
* Experience in RDBMS such as Oracle, MySQL and IBM DB2 databases.
* Worked on building & deploying Java code through Jenkins, used Jenkins Amazon Web Services (AWS) Code Deploy plugin to deploy to AWS and worked AWS Cloud management.
* Hands-on experience in unit testing framework JUnit.
* Experience with Object Oriented Analysis, Design and object modelling using UML (Use cases, Test Cases, Sequence and Class diagrams).
* Developed React JS pages, Web services calls, and AJAX calls for the application.
* Developed client-side Interface using React JS.
* Created React JS components using JSX, Followed Redux Architecture for unidirectional data flow and manage your data in React and Make HTTP requests in React & Redux.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations.
* Build React components and stand-alone functions to be added to any future pages.
* Developed mobile applications using React Native, JavaScript, and related technologies. Implemented app features, screens, and functionality based on design specifications and requirements.
* Worked as a UI developer using Angular 14, HTML5, CSS3, ES 6, JavaScript, React JS 18, SASS, XML, JSON, AJAX, Bootstrap, EXT JS, SVN and GULP. Extensively used Table Less Design in CSS for positioning
* Worked on Angular Bootstrap for templates designing and to create mock up data.
* Provided documents of UI Components in Confluence.
* Used HTTP Client in Angular to make API calls.
* Developed applications using Angular – Bootstrap like Grids, Toolbars, Panels, Combo-Box and Button etc. Improved dependency injection for modular development and component isolation using AngularJS.

**Environment: , Angular JS, React, Redux, HTML5, CSS3, NodeJs, SQL, Java, J2EE, Java 8 Features, Micro Services, Hibernate, Kubernates, Spring Boot, Spring JPA, Azure, AWS S3, AWS EC2,JDBC Apache, Nginx, MySQL, No SQL, Mongo DB, Spring boot, SOAP, JSON, RESTFUL API, AWS, JavaScript, ES6, Type Script.**

**Client: Michaels, Irving, TX**

**Role: Sr. Full Stack Java Developer Sep 2020- Aug 2022**

**Responsibilities:**

* Worked as Full Stack Developer covering all layers in front end, middle tier, and Back end.
* Implemented CSS3 and JavaScript based navigation system visually identical to previous table-based system to improve ease of maintenance and organic search engine placement.
* Good Experience with Agile and Scrum.
* Worked with JSON web token for authentication and authorization security protocols using Node.js.
* Utilized the latest front-end Technologies such as HTML5 and css3 for layouts.
* Good knowledge on working with OAUTH2.0 to provide authentication and authorization to Rest services by exchanging Access tokens.
* Involved in Data Migration process using Azure by integrating with Git hub repository and Jenkins.
* Involved in hosting and managing large sets of data in SQL Azure, Document DB, Cosmos DB, Table Storage, Azure Data Lake, blob storage.
* I updated the order management system which is currently built with Angular 11/12/13, NGRX Store, RxJS 6
* Used JavaScript, jQuery, AngularJS, Node Js, React Js and AJAX technologies for front end user input validations and Restful web service calls and micro services.
* Designed and developed the Customer Service portal using framework React.JS along with CSS3 and Bootstrap.
* Developed a web-based application using React.JS, Node.js and Responsive Web Design.
* Implemented various Validation Controls for form validation and implemented custom validation controls with JavaScript validation controls.
* Using AWS (Amazon Web Services) services like ECS, VA1, RPG, Secrets Manager, Cloud Watch, CloudFormation Templates, S3.
* Architected the frontend solution using React, Relay and Graph QL.
* Extensively used Oracle SQL Developer graphical tool for the enhancement and simplification of Database Development task.
* Develop the online web application using HTML/CSS; JavaScript, AngularJS/Angular, Spring Boot, Spring MVN and Bootstrap, WCAG 2.0.

**Environment: Java, J2EE, Java 8 Features, Micro Services, Hibernate, Kubernates, Spring Boot, Spring JPA, Angular JS, React, Redux, HTML5, CSS3, NodeJs, SQL, Azure, AWS S3, AWS EC2,JDBC Apache, Nginx, MySQL, No SQL, Mongo DB, Spring boot, SOAP, JSON, RESTFUL API, AWS, JavaScript.**

**Client: Santander Consumer USA,** **Austin, TX**

**Role: Sr. Full Stack Java Developer Feb 2018- Aug 2020**

**Responsibilities:**

* Actively involved in design and development of multiple cutovers and major upgrades of our Application which includes Platform upgrades.
* Involved in the **analysis, design, and development phases of the Software Development Life Cycle (SDLC) using Agile (SCRUM) development methodology to deliver regular updates to business team and project managers.**
* Implemented design patterns like **MVC, Singleton, Business Delegate, Factory, and Service Locator.**
* Developed applications using **Reactive Programming, Spring Boot, Java 11, React JS, and features of java 8 as well (lambda expressions).**
* Creating a responsive dashboard using Angular 2 and RESTful web services, utilizing Wes Sockets for continuous real-time data feeds.
* Designed and developed a full-stack funding website based on Node.js, ReactJS. Next.JS. Word press, PHP and Slim Framework.
* Hands-on experience in Azure Cloud Services (PaaS & IaaS), Storage, Web Apps, Active Directory, Application Insights, and Logic Apps.
* Experience in Confidential Azure Cloud Computing development and support.
* Implementing CI/CD pipeline for the Azure cloud-based analytical data ecosystem using Azure DevOps (VSTS), GIT as versioning controlling and hosted pipelines for build and release.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations, and Flux concept.
* Using Angular 14, HTML5, CSS3, ES 6, JavaScript, React JS 18, SASS, XML, JSON, AJAX, Bootstrap, EXT JS, SVN and GULP. Extensively used Table Less Design in CSS for positioning
* Worked on Angular Bootstrap for templates designing and to create mock up data.
* Provided documents of UI Components in Confluence.
* Used HTTP Client in Angular to make API calls.
* Developed applications using Angular – Bootstrap like Grids, Toolbars, Panels, Combo-Box and Button etc. Improved dependency injection for modular development and component isolation using AngularJS.
* Developed application as Enterprise JavaScript using - AngularJS, Node.JS, Web sockets, Jasmine, Karma and NPM.
* Created a mock UI web app in Angular 8 to demonstrate micro services and designed and developed the authenticating portal using framework Angular 8 along with HTML5, CSS3 and Type Script.
* Developed user interface by using the **React JS, Flux for SPA development.**
* Used **React JS** to create views to hook up models to the **DOM** and synchronize data with server as Single Page Application (SPA).
* Designed and developed front view components using **React JS, JSP, HTML5 and CSS3. Developed Interactive web pages using AJAX.**
* Developed responsive web product features using React JS, SASS with REST.
* Hands-on experience with Multithreading, Exception Handling, Concurrency, Generics, **File Handling I/O, Data Structures and Collections, and Garbage Collection in Core Java.**
* Collaborated with cross-functional teams to ensure smooth integration of front-end and back-end systems.
* Utilized Type Script's powerful type system to catch errors early, **improve code documentation, and facilitate collaboration within development teams.**
* Utilized Helm for package management and simplifying the deployment of Kubernetes applications.
* Used Spring Core Annotations for Dependency Injection, Transaction management, Spring REST for REST
* Experienced in upgrading to Spring RESTFUL **Micro services from Monolithic Services (SOA).**
* Worked on creating documents in **Mongo DB.**
* Used Spring Framework for developing and **implementing the web-based application following the MVC**.
* **Implemented Micro-services using Pivotal Cloud Foundry Platform Build upon Spring Boot Services.**
* Deployed applications on Pivotal Cloud Foundry through **Docker.**
* Skilled in **Core Java development** with a strong foundation in **object-oriented programming**.
* Experience with **Kubernetes concepts such as Pods, Services, Deployments, Stateful Sets and Ingress.**
* Extensively used **Java 8 features such as lambda expressions, Parallel operations on collections, multithreading**, and for effective sorting mechanisms.
* **Also Worked with AWS SSO** with Okta for one of the services within the AWS cloud infrastructure, by giving temporary access to it in terms of certain roles and policies.
* Used Spring Framework in the application, which is based on MVC design pattern. Developed Action classes and Form beans and configured the spring-**config.xml**.
* **Core Java with Concurrent API is** used extensively for parallel processing and chunk processing.
* Developed Java classes for implementing Business logics using EJB (Stateless session, entity, message driven beans).
* Created **WAR/EAR files using MAVEN build and deployed them on JBOSS and Tomcat server.**
* Developed Micro-services using Spring Boot and Spring Batch, that create, update, delete and get the assignment information from backend.
* Scripting and setup **of CI/CD pipeline to deploy and execute ETL utilities on AWS.**
* Developed Rest service for authentication using Spring Boot with embedded Tomcat server. Used spring boot for single sign on page application to access more quickly.
* Worked on creation of custom **Docker container images, tagging, pushing images, integration of Spring Boot.**
* Designed and developed Hibernate configuration and session-**per-request design pattern for making database connectivity and accessing the session for database transactions respectively.**
* Created and compiled XML Schema to generate **Java Bean classes using Apache.**
* Troubleshot and resolved production issues in Kubernetes (**AKS**), minimizing downtime ensuring optimal performance.
* Developed applications using the latest **Java/ J2EE** technologies and worked with the latest features of **Java 8 and Java 11**
* Involved in write application-level code to interact with **APIs, Web Services using AJAX, JSON, and XML.**
* Implemented Database access for **Mongo DB and MySQL.**
* Designed and Developed Stored Procedures, Triggers in Oracle to cater the needs for the entire application. **Developed complex SQL queries for extracting data from the database.**
* Strong understanding of common API technologies, such as OAuth, SAML Spring Boot, and Micro services.
* Hands on experience working with various Amazon Web Services like **EC2, SQS, S3, Elastic Search** and **Dynamo DB** through **AWS Console** and **API Integration.**
* Used Frameworks like JDBC, Hibernate,EJB2  and Weblogic.
* Developing RESTful Services with JAX-RS 2.0, Web sockets and JSON.
* Moved the project to Java 8, 11 to extensively use Lambda expressions and have better connectivity to Cloud in addition adding spring boot Libraries and UI Enhancement.
* Developed REST API's using Spring MVC and Spring boot, hosted all microservices Developed API to Integrate with Amazon EC2 cloud based architecture in AWS, including creating machine Images.

**Environment:** JAVA/J2EE,Java native, Node.js, Hibernate,NoSQL**,** MongoDB, Kubernetes, Spring Boot, Spring data JPA, Kafka, Angular, React, Redux, HTML5, CSS3, Java Script, Typescript, Web Sockets, Agile, GitHub, Jenkins, Azure, AWS S3, AWS EBS, EC2, , LINUX, Eclipse, IntelliJ

**Client: Srishti Software Private Limited, Bangalore, India**

**Full Stack Developer Sep 2016 –Nov 2o17**

**Responsibilities:**

* Involved in Requirements gathering, analysis and design and documentation as the application was started from scratch.
* Involved in designing, developing, and testing of J2EE components like Java Beans, Java, XML, Collection Framework, JSP, Spring and Hibernate, microservices.
* Experience in RDBMS such as Oracle, MySQL and IBM DB2 databases.
* Created UI templates for final look and feel using HTML5.
* Used SOAPUI for the functional testing and inspection and invocation of spring-based Web Services and micro services.
* Using Angular, Node JS, HTML5, JavaScript, jQuery, Bootstrap and CSS3, for the Digital Partner Advisor (DPA), building a high efficiency Dynamic Single and multiple Pages Web Application.
* Created dynamic/re-usable Angular components for tables, dropdown, search text box, generic-chart, and tiles.
* Building components including Table Grid for React UI and architecture.
* Developed Rest API services using Node JS and Express framework.
* Carried out sprint work under an Agile/Scrum methodology using test driven development (Junit for back-end, Jasmine on the frond-end).
* Responsible for Continuous Integration and Continuous Deployment.
* While developing web-based applications used Web Services, both SOAP/WSDL and REST, microservices AWS,GCP.
* Involved in the creation of interface to manage user menu and Bulk update of Attributes using jQuery
* Implemented CSS3 and JavaScript based navigation system visually identical to previous table-based system to improve ease of maintenance and organic search engine placement.
* Implemented Ajax and jQuery-based navigation system visually identical to previous table-based system to improve ease of maintenance and organic search engine placement.
* Created controllers and models with Angular and AngularJS.
* Used JavaScript, jQuery, AngularJS, Node Js, React Js, AJAX technologies for front end user input validations and Restful web service calls and micro services.
* Proficient in using React JS for creating reusable components along with sliders, charts, grids, and handling events and DOM objects.
* Created the Application using React.JS and Node.js libraries NPM, gulp directories to generate desired view and flux to root the URL's properly.
* Improved the UI logging of the Suggest Edits interface with React Js and involved in creating a navigation bar using React JS for menus.
* Implemented various screens for the frontend using React.js and used various predefined components from NPM and Redux. Used Babel for transpiling code written in ES6 to ES5 supported by most browsers.
* Involved in React JS for Data patterns which improves readability and made it easier to maintain larger apps and used React JS for declarative, efficient, and flexible JavaScript library for building user interfaces.

**Environment: Java, J2EE, Java 8 Features, Micro Services, Hibernate, Kubernates, Spring Boot, Spring JPA, Angular JS, React, Redux, HTML5, CSS3, NodeJs, Maven , J2EE, SQL, AWS CLOUD,JDBC Apache, Nginx, MySQL, No SQL, Mongo DB, Spring boot, SOAP, JSON, RESTFUL API, AWS, JavaScript, JIRA, EJB.**

**Client: Liquid info tech pvt. ltd. Ahmedabad, India**

**Role: Sr. Java Developer Jan 2015 - Jul 2016**

**Responsibilities:**

* Designed front-end presentation logic using **JSP, HTML5** and **CSS3**.
* Used **JavaScript, jQuery, Node JS** and **AJAX** technologies for front end user input validations and Restful web service calls and micro services.
* Used jQuery and JSF validation framework for front end validations.
* Implemented Singleton, Service Locator design patterns in **MVC framework** and developed command, delegate, model action script classes to interact with the backend.
* Implemented routing logic and navigation from screen to screen and implemented login functionality on the client side in AngularJS.
* Developed the monolithic application and involved in migrating existing monolithic application into Micro Service Architecture based **RESTful micros Service** and deployments were done on **AWS**.
* Developed Microservice to provide Restful API utilizing Spring Boot with various frameworks such Hibernate, PA. Developed the monolithic application and involved in migrating existing monolithic application into Micro Service Architecture based RESTful micro-Service and deployments were done on AWS.
* Annotations for Dependency Injection **Spring DI** and **Spring MVC** for REST API and **Spring Boot** for used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API and Spring Boot for micro services.
* **Used Agile methodology and participated in SCRUM meetings.** Interfaced with the **My SQL** back-end database by integrating **Spring with Hibernate**. Involved in Construction of UI using **jQuery, Node JS** and **JavaScript**.
* Design, development and testing of mapper components to translate web service requests and responses to and from client applications to system of records.
* Working on **JPA** for interacting with database. Writing named query, which can be called multiple times. Used **CVS** for managing code base.
* Developed **Single Page Applications (SPA)** using **Angular 2, Typescript, HTML5, CSS3**, and **Bootstrap 3**.
* Working with **SQL, PL/SQL**, stored procedures, Indexing, Normalization and Query optimization. Worked on Docker and **Kubernetes** for deploying and development of the cloud version of the application.
* Integrated **Active MQ** and **spring JMS API** to send and receive message for the application’s **restful API**. Used **Hibernate, Object/relational mapping (ORM) solution**, the technique of mapping data representation from **MVC model** to Oracle relational **data model** with a **SQL-based schema**.
* Have worked on **AWS CLOUD** to integrate the server side and client-side code.Written **LINUX shell scripts** to identify user login information..
* Using **AJAX** to request **JSON** data through third party **REST APIs** to acquire products data from server and display it in sorted order.
* Knowledge in developing applications in a single page (SPAs) using various JavaScript frameworks like Angular.js, Angular 13, React.js and Twitter Bootstrap like Grids, Toolbars, Panels, Combo - Box and Button etc.
* Experience with creating **Custom Directives, Decorators**, and Services to interface with both **restful services**.

**Environment: Java, Micro Services, Kubernates, Angular JS, Spring, HTML, Maven , J2EE, SQL, MySQL, AWS CLOUD,JDBC Apache, Nginx, MySQL, Mongo DB, Spring boot, SOAP, JSON, RESTFUL API, Hibernate, HTML, AWS, JavaScript, JIRA, EJB.**

**Speck Systems Limited, Hyderabad, India**

**Java Developer Jan 2013 - DEC 2014**

**Responsibilities:**

* Involved in all the phases of software development with quality assurance. Developed Auto sys scheduling jobs for scripts / process to avoid manual intervention.
* Designing and developing the business components using **MVC, Spring and Hibernate**. Involved in writing DAO layer using Hibernate to access application database.
* Involved in developing applications using **Java** and **J2EE.**
* Developed user interfaces using **JSP, HTML and CSS**, Designed and developed batch jobs using spring quartz API, The framework was designed to process large amounts of data and to be performance effective.
* Expertise through all parts of **Software Development Life Cycle (SDLC)** in developing web applications using **JAVA, J2EE, EJB, Web services, SOA, SOAP etc**.
* Involved in adding the new features to the existing system based on the requirements. Developed SQL statements to perform various data access functions.
* Writing custom tag handlers for Insurance Quote page to calculate the age of the person using the date of birth information entered.
* Developed DAO objects and implemented data access layer using JPA-Hibernate to perform CRUD operations.
* Developing Action Classes, Service Classes for Resident Insurance Premium payment module. Managing Development, Build, Test & Deployment.
* Developed REST based Web Services for data retrieval to make it independent of the current application.
* Developed reusable web components, JSP, Servlets and Java Beans that use the MVC pattern to access EJB (Entity Beans) for the modules of user registration.
* Developed and consumed **REST and SOAP** API based Web services that allow sophisticated, effective and low-cost application integration. Used JSON as the data interchange format.
* Developed PL/SQL stored procedures, cursors and Triggers in Oracle database.
* Delivery Support, Coordinate with Server team, DB team for infrastructure requests and deployments. Developed and guided the team for automation techniques, which saved the cost and manual effort.
* Involved in Application Performance Monitoring. Managing deliverables and responsible for the production releases.

**Environment: Java,** MongoDB, Elastic Search, **Servlet, Spring, , Hibernate, MySQL, Tomcat, DOM, SVN, JSPs, Spring Batch, Spring Framework, Spring MVC, JPA, jQuery, Node JS and JavaScript, RESTful API.**