**Shashank Reddy Gummyreddy**

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**EXPERIENCE SUMMARY**:

Having 9 years of experience as a Java Developer in Analysis, Design, Development and Testing and Implementation of applications on Java/J2EE technologies

* Experience working with agile methodology implementations like Daily scrum meetings, sprint planning, resource planning, etc.
* Extensive knowledge of Java, JavaScript, React JS, Angular, Node JS, Html and CSS3.
* Knowledge in implementing a REST API/Microservice using Spring Boot.
* Proficient in implementing various Design Patterns like MVC, Singleton, Session, Facade, Factory, DAO (Data Access Object), DTO (Data Transfer Object).
* 5 years of experience with RDBMS databases including SQL Server, MySQL, and/or DB2.
* Experience in utilizing open-source frameworks such as Spring boot, spring, Hibernate, JPA, Mybatis, React JS, angular, Html, CSS, Oracle.
* Extensive development experience in web applications using JAVA 6 to 8, J2EE, JSP, Servlets and APIs like JDBC, XML, JavaBeans.
* Developed and Build application using Eclipse IDE, Maven, Gradle and Ant depending on the build tool client uses.
* Worked on some Containers Orchestrations such as Kubernetes, Docker, AWS Open Shift etc.
* Strong Knowledge of Object-Oriented Design Methodologies such as Polymorphism, Inheritance and Encapsulation.
* Proficient in working across all stages of Software Development Life Cycle (SDLC) and Agile methodologies.
* Experience in handling, configuration, and administration of NoSQL database using MongoDB and Hibernate.
* Expertise in object modeling and Object-Oriented design methodologies (UML).
* Involved Migrated a product from Angular 1 to Angular 8 with new business requirements in the User Interface and handling the Backend API using micro services with the use Oracle SQL developer database.
* Worked on React JS and Node JS in various projects throughout my experience.

**EDUCATION**

Bachelor’s in Electronic and communications: GPA 3.2 - GITAM Institute of technology, Vizag, INDIA

**TECHNICAL SKILLS**

* Programming Languages: Java, J2EE, SQL, PL/SQL, Oracle, MongoDB, DynamoDB, Cassandra, JavaScript, HTML, CSS, PHP.
* J2EE Technologies: Java, J2EE, Spring, JSP, Servlets, JDBC, Java Beans, XML Parsing, AWS, Web Services (Restful), Hibernate, JSF.
* Frameworks: Spring boot microservices, Spring Framework, JPA, Hibernate, Kafka, Spring JDBC, Mybaties.
* Web Technologies: HTML/DHTML, XHTML1.1, XML1.0, CSS, HTML5, CSS3, JavaScript, SOAP, RESTful services, React, Angular.
* Operating systems: Windows, Unix, Linux and Mac OS.

**PROFESSIONAL EXPERIENCE:**

**Client: Huntington National Bank, Columbus ,OH June 2023 to till date**

**Role: Full Stack Java developer**

**Responsibilities:**

* Worked on Development of Java Applications in a A.I project by using Vertex AI with GCP integrated SpringBoot and Big query for Database.
* Used prompt engineering for finetuning prompts for llm model.
* Stored data and prompts in the Big table. mocked customers request in the initial phase of the project.
* Used cloudrun to Deploy the API’S into the GCP for AI Project.
* Worked on the Development of Java applications in a Migration project to convert services from Soap to REST with the use of springboot and Java 17.
* Used Jenkins for Deployment of API’S of Migration Project.
* Designed User Interface using HTML5, CSS3, JavaScript, React.js As a part of development team.
* Performed capacity planning and sizing for Cassandra clusters, ensuring adequate resources for future growth.
* Developed scripts and tools for monitoring cluster health and performance metrics, facilitating proactive issue resolution.
* Implemented branching strategies (e.g., Git Flow, Feature Branch Workflow) to streamline team collaboration and release cycles.
* Integrated Git with CI/CD pipelines for automated testing and deployment.
* Maintained comprehensive API Documentation using tools such as OPEN API Swagger, Detailing endpoints, request/response formats, authentication methods and error handling, ensuring clarity and consistency for developers integrating with the API.
* Integrated and managed Azure Active Directory for identity and access management, implementing security policies like Multi-Factor Authentication (MFA) and Conditional Access.
* Designed and implemented disaster recovery strategies using Azure Site Recovery and Backup services, ensuring business continuity with minimal downtime.
* Deployed and managed containerized applications using Azure Kubernetes Service, improving application scalability, reliability, and management.
* Collaborated with cross-functional teams to gather requirements and translate technical specifications into clear and user-friendly API documentation ,aligning with project goals and business objectives.
* Ensured accuracy and completeness of API documentation by regularly updating and reviewing the documentation based on API changes, feature enhancements and bug fixes, maintaining Alignment with latest codebase and functionality.
* Configured and managed API Gateway proxies to control access and security for backend APIs, ensuring reliable and secure communication between clients and services.
* Configured Request and response transformations using AGW policies such as message filtering, routing and transformation to modify API payloads, headers and routing paths ,facilitating interoperability and integration with diverse client systems.
* Collaborated with cross-functional teams to define API proxy specifications including endpoint definitions, protocols ,security requirements and performance goals ,ensuring alignment with business objectives and regulatory compliance.
* Designed and implemented RESTful APIs using industry best practices and, including resource naming conventions, HTTP methods , status codes , and representation formats (JSON/XML), to ensure interoperability and scalability.
* Developed reusable Terraform modules to abstract and standardize infrastructure components, promoting consistency across projects.

**Client: Verizon, Launderhill , FL Oct 2022 to May 2023**

**Role: Full Stack Java developer**

**Responsibilities:**

* Developed RESTful web services using Java and the JAX-RS (Java API for RESTful Web Services) framework.
* Integrated Swagger, an API documentation tool, to generate interactive and user-friendly documentation for RESTful APIs.
* Implemented JWT-based authentication for secure user access to web applications and APIs.
* Designed User Interface using HTML5, CSS3, JavaScript,React.js and Typescript for the Product.
* Developed and Build application using Eclipse IDE, Gradle depending on the build tool client uses.
* Leveraged GCP's Big Data services, such as Dataprep, Dataflow, and Dataproc, for data transformation, ETL, and batch processing.
* Designed and implemented data warehousing solutions using BigQuery, enabling real-time analytics and insights from large datasets.
* Configured and managed remote repositories to facilitate distributed version control in multi-developer environments.
* Conducted code reviews and pull request processes using GitHub/GitLab to maintain code quality and standards.
* Resolved complex merge conflicts by analyzing **historical** commits and changes.
* Tuned and optimized SQL queries and BigQuery jobs for efficient data retrieval and analysis.
* Configured VPCs, subnets, and firewall rules to secure and optimize network traffic within GCP.
* Conducted API testing and validation using tools like Postman and Soap UI to verify endpoint functionality, input validation, error handling, and edge cases, ensuring reliability and adherence to API specifications.
* Collaborated with cross functional teams to define API requirements , gather feedback , and prioritize feature development, ensuring alignment between API designs and business objectives.

**Environment:** Java/J2EE, React, Visual Studio , Web Services (Restful), Eclipse, Maven, Oracle SQL Developer, Vertex AI, GCP.

**Client: Verizon, Dallas, TX Sep 2019 to Aug 2022**

**Role: Full Stack Java developer**

**Responsibilities:**

* Developed authentication flows that issue JWT tokens upon successful login.
* Utilized JWT claims to enforce authorization rules, specifying user roles, permissions, and access control.
* Implemented fine-grained access control logic based on the information stored in JWT claims.
* Developed reusable Terraform modules to abstract and standardize infrastructure components, promoting consistency across projects.
* Implemented GCP infrastructure provisioning and management using Terraform to ensure reproducibility and scalability.
* Utilized GCP's monitoring and logging tools like Stack driver to proactively identify and address performance issues.
* Performed capacity planning and sizing for Cassandra clusters, ensuring adequate resources for future growth.
* Developed scripts and tools for monitoring cluster health and performance metrics, facilitating proactive issue resolution.
* Conducted code reviews and pull request processes using GitHub/GitLab to maintain code quality and standards.
* Resolved complex merge conflicts by analyzing historical commits and changes.
* Managed, configured, and optimized Azure resources using ARM templates, Azure CLI, and PowerShell to ensure smooth cloud operations and cost-effective solutions.
* Deployed, managed, and scaled virtual machines and network resources (VNet, NSG, Load Balancer) in Azure, ensuring high availability and secure connectivity.
* Designed and implemented scalable and secure storage solutions using Azure Blob Storage, Azure Files, and Azure SQL Database to manage large datasets.
* Utilized Azure Monitor, Log Analytics, and Azure Security Center to proactively monitor and secure cloud infrastructure, ensuring compliance with industry best practices.
* Developed and deployed server less applications using Azure Functions and Logic Apps, reducing operational overhead and increasing scalability.
* Worked on cross-platform application using .Net Core, delivering consistent functionality across Windows, iOS and Android platforms.
* Collaborated with front-end developers to create responsive and dynamic web applications using C#, HTML5,CSS and JavaScript.
* Integrated C# applications with sql server and No sql databases ensuring efficient data storage and retrieval.
* Leveraged GCP's Big Data services, such as Dataprep, Dataflow, and Dataproc, for data transformation, ETL, and batch processing.
* Tuned and optimized SQL queries and BigQuery jobs for efficient data retrieval and analysis.
* Integrated Cloud Run with CI/CD pipelines for automated deployments, ensuring rapid delivery of new features.
* Was responsible for managing large scale geographically distributed database systems,including RDBMS and nosql systems.
* Involved Migrated a product from Angular 1 to Angular 5 with new business requirements in the User Interface and Backend API services, with the use SQL developer database.

**Environment:** Java/J2EE, HTML5, CSS3, JavaScript,Angular Spring, Spring Boot,Code,kibana,Redis,GIT, Eclipse, Maven, Soap UI, Kafka, No Sql,Oracle SQL Developer and STS.

**Protech Solutions Inc. Jan 2019 to August 2019**

**Role: Java Developer**

**Responsibilities:**

* Implemented the business layer using Java, J2EE and spring framework.
* Implemented Git/Gitflow branching strategies to manage codebase efficiently.
* Deployed applications on Kubernetes and Openshift clusters.Utilized data visualization tools (e.g., Data Studio) to create interactive dashboards and reports based on BigQuery data.
* Designed and maintained infrastructure using Terraform, enabling version-controlled and repeatable deployments.
* Was responsible for managing large scale geographically distributed database systems,including RDBMS and nosql systems.
* Designed and developed prototype module using AngularJS and Node JS, implemented pagination and datagrid additional functionality for datagrid.
* Used RESTful web services to expose real-time and historical credit data to external systems.
* Developed presentation layer using Spring MVC and used annotation-based mapping to map the incoming requests and view pages with the controller methods.
* Expertise in Spark SQL for querying structured and semi-structured data, enabling efficient data retrieval and analysis.
* Developed and maintained scalable and fault-tolerant Spark applications, incorporating error handling, monitoring and logging mechanisms.
* Handled Java multi-threading part in back-end component, one thread will be running for each user, which serves that user. Experience with Optimistic Locking, Mappings using Hibernate.
* Developed and Build application using Eclipse IDE, Maven.

**Environment:** Java, J2EE, spring, Code,kibana,Redis, CSS3, RESTful web services, No sql,Spring MVC, ORM, JPA, Hibernate, JIRA, Eclipse IDE, Maven, and Struts.

**DSIG IT Solutions Private Limited Jan 2015 to Dec 2017**

**Role: Software developer**

**Responsibilities**:

* Developed the user interface with HTML, JavaScript, JSP and Tag Libraries using Struts
* Designed and developed web pages using React.js , HTML and Java Script to perform validations
* Involved in development of web application using OOPs concepts like inheritance, abstraction etc.
* Developed and maintained the necessary Java components, Enterprise Java Beans (EJB), Java Beans and Servlets.
* Used collections, multi-threading, concurrency, and other features of core java
* Used Data Structures like Array List, Hash Table
* Was responsible for managing large scale geographically distributed database systems, including RDBMS and nosql systems.
* Followed 12 factors application methodology.
* Developed enterprise-level applications using C# and .Net, resulting in 25% increase in system performance and reliability
* Designed and implemented RESTful API’s in C# for secure and scalable communication between front-end and backend.
* Integrated third-party services and API’s into C# applications, extending system capabilities and improving overall application functionality.
* Developed the statistics graph using JSP, Custom tag libraries, Applets and Swing in a multithreaded architecture.
* Designed Enterprise Application using MVC architecture. Created Web Pages using XML, JSP, HTML and JavaScript. Developed Servlets for user Authentication and request handling
* Used Struts Framework in the application development.
* Implemented caching using Redis to improve application performance and reduce database load.
* Worked with Elasticsearch and Kibana to create visualizations and dashboards for monitoring application performance and troubleshooting issues.
* Involved in requirements gathering and preparing software requirement specification
* Design and maintain the database to support the application using Oracle 8i
* Maintained the business standards and the requirements in EJB and deployed them on to WebLogic Application Server.
* Wrote test cases using JUnit testing framework and configured applications on Tomcat

**Environment:** HTML, JavaScript, JSP, Tag Libraries, Struts, Enterprise Java Beans (EJB), Java Beans, Servlets, Array List, Hash Table, No Sql,SQL Server Database, JSP, XML, MVC architecture, Oracle 8i, Tomcat.