**Premkumar Raju**

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**Professional Summary**

With over 18+ years of experience as a **Technical Architect , AWS cloud and Product Development**. I have a strong background in design, development, team building, and implementation across various domains and platforms. My expertise lies in crafting complex applications with Message Driven Test Driven Development Micro Service Application Design principles and utilizing Service-oriented architecture to deliver robust solutions. I have successfully developed and deployed large-scale web applications and web services in a Software-as-a-Service environment, demonstrating my ability to handle projects at scale. My track record reflects my commitment to consistently surpass challenging goals. This showcases my adaptability and passion for integrating cutting-edge technologies to drive innovation and create valuable solutions for businesses. Overall, my deep technical knowledge, leadership capabilities, and history of success make me a valuable senior consultant for organizations seeking top-tier expertise in Java technologies. I am driven by a passion for excellence and continuously strive to deliver impactful results for both clients and projects.

**Technology Skills**

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| --- | --- |
| Language | Java, J2EE, Node.js, JavaScript, jQuery, ReactJS  |
| App/Web Frameworks  | Spring MVC, Spring Boot, Spring Batch , iBATIS |
| Reporting Framework | Dynamic Jasper |
| Operating System | Unix, Ubuntu, Mac OS |
| Message Broker | RabbitMQ , Kafka  |
| Database | PostgreSQL, Oracle, MySQL, MongoDB |
| Monitoring Tools | JVisual VM, Heap dump analyzer |
| DevOps | GitHub, Maven, Ant, Sonar, Nexus, and Jenkins |
| Web and App Server | Tomcat, Apache2, WebLogic, WebSphere |
| Web Service | Soap, RESTful Web Services |
| Cloud platform | AWS |
| Container Technology &Management | Kubernetes, Docker |

**Strength**

* **Software Development Methodologies**:
	+ Proficient in working within Agile (SCRUM) and Test-Driven Development (TDD) methodologies.
	+ Extensive experience in handling all phases of the Development Life Cycle.
	+ Identified memory leakage in the product and helped the team solve it.
* **Application and Server Management**
	+ Analyzing, troubleshooting, and taking appropriate actions for Application/Web server error logs
	+ Analyzing Thread and Heap dumps.
	+ Experience in monitoring, logging, and management tools that integrate with AWS
* **Front-end Development**
	+ Proficient in UI design, I developed the front end using JSP, HTML5, CSS3, JavaScript, Ajax, JQuery, ReactJS and Angular.
* **Java Development**
	+ Extensive experience in Java frameworks such as Spring, Spring Boot, and Hibernate.
	+ Hands-on experience with Core Java, including Multithreading, Concurrency, File handling, I/O, Generics, data structures, collections, and garbage collection.
	+ Experience with Java 8 features like parallel Streams, Lambdas, functional interfaces, and filters
	+ Experience in developing Microservices and Test Driven Development(TDD) Architecture using JUnit and Mocito framework
	+ Knowledge of Java memory management and garbage collection
	+ Expert in working with the Hibernate Criteria API and HQL for querying the database.
	+ Experience with SOAP Web services technologies using JAX-WS and REST Web services technologies using OAUTH.
	+ Familiarity with Java build tools like Maven
	+ Complete understanding of the DevOps process with continuous integration using Jenkins

**Achievements**

Recureve Archery is a great recreational sport, and I represented (Karnataka) at the national level in 2018.

**Professional Experience:**

**Ascent Consulting Service Pvt Ltd Dallas,TX**

**Client : AscentHR**

**Product: Powerpay Java March 2020 to Present**

**Role: Java Architect**

**Description**: Powerpay is an application for processing payroll, Designed in Micro-services architecture to dynamically configure and run end to end payroll solutions for enterprises across the globe, providing support for integrating common payroll systems. Organization service responsible for capturing org info, employee info and required inputs for payroll. Payroll Engine responsible for configure and run dynamic component and calculation logic using groovy. Reporting service responsible for generating all reports for employee and employer.

**Responsibilities**

* Involved in requirement gathering, estimation, and planning discussion
* Involved in analysis, design, development, testing, implementation, and support
* Following agile methodology in the development and maintaining the system
* Involved in the complete life cycle of the project, from the requirements phase to the production phase
* Design and develop micro service architecture
* Fixed the vulnerability base score fix and did end-to-end testing in Dev, UAT, and pre-production environments
* Review, test, and debug team members' code
* Used design patterns like Singleton, Data Access Objects, Factory, and MVC patterns.
* Developed modules for data extraction from native and scanned pdf
* Worked on image preprocessing techniques
* Developed and tested an accuracy benchmarking suite
* developed a regression tool for performance and accuracy
* Responsible for giving technical solutions to the team by making some POCs.
* Manage multiple tasks with changing priorities and tight deadlines

**Technologies:** Java, groovy,kotlin, Spring Boot, Liqubase,Junit4,Mocito, ReactJS, AWS lambda, Dynamic Jasper, Microservices, Docker, Kubernetes, Rabbit MQ, InteliJ

**Product: We care Yamaha Nov 2018 to March 2020**

**Client :** TTIBI (Toyota Tsusho Insurance

 Broker India Pvt. Ltd.)

**Role: Senior Java Full Stack Developer**

**Description**: WCY is Yamaha Original Equipment Manufacture program to cover all insurance needs through dealers across India, Also provides integration with manufacturers, dealers, insurance companies and customers. Includes modules like policy creation, policy renewal, endorsement, remittance, cancellations, claims, finance, reports and admin. Designed and developed critical modules like policy premium breakups, pdf generation, and feed file generation to insurance companies.

**Responsibilities**

* Design and develop microservice architecture
* Developed modules for data extraction from native and scanned PDFs,
* Design and develop a dashboard for batch processing
* Implement batch processing
* Design and develop a recovery system
* Implemented CI/CD pipelines

**Technologies:** Java, Spring Boot, Spring Data, Agile, MySQL, AWS, REST API, UNIX, JQuery

**Company:** Oracle Financial Services Software Limited

**Client:** FCCM

**Product: OFSAAI – Forms Framework &**

**Inline Processing Engine** **Dec 2010 to Sep 2018**

**Role: Senior Software Developer**

**Description:** OFSAAI (Oracle Financial Services Analytical Applications Infrastructure) streamlines analysis through a set of tools for data management and security administration. These tools assist with loading, validating, categorizing, selection, and processing of data. The comprehensive set of modules also facilitates security management through a customized set of profiles to govern user privileges. OFSAAI helps control data quality and provides a consistent approach across applications for assigning business assumptions and accessing shared data for computations underlying Oracle's Financial Services analytical applications. Forms Framework facilitates to design web based user-defined Data capture components , can be used to design dynamic web forms on the fly with required validations , masking data and role based security. Has a designer screen which facilitates you to configure and upload xml based interactive forms which can be deployed as an open XML and web- based solution against all major relational or multidimensional databases. The Oracle Financial Services Inline Processing Engine (IPE) provides real-time monitoring, detection and interdiction of single and complex fraud events across multiple channels and lines of business. IPE application creates an infrastructure for real time monitoring of incoming messages. Kind of general pattern matching system used as score engine or rule engine. Used by OFSAA solution teams (KYC, FCCM, Basil and customer insight). IPE monitors activity in real-time or near real-time and will have assessments configured which can score the activity based on activity data and profiles generated from the activity. This capability will enable you to identify fraud events earlier, avert more losses, and minimize customer service and retention issues

**Responsibilities**

* Involved in requirement gathering, estimation, and planning discussion
* Involved in analysis, design, development, testing, implementation, and support
* Involved in system architecture design
* Following agile methodology in the development and maintaining the system
* Involved in the complete life cycle of the project, from the requirements phase to the production phase

**Technologies**: Java, J2EE, Spring Boot JSON,Ajax, xml, java Script, JSP

**Company:** Accenture

**Client :** Telefonica – Spain

**Product:** ION Migration **May 2009 to Dec 2010**

**Role: Team Lead**

**Description:** Telefonica is a mobile client. For the Migration Project we work on porting of the Data and Processes from one Legacy system to the Other based on the BDI Data model. I am working on the Java and Oracle part of the project where the data is fetched from the parent Legacy system, transferred and then ported to the destination Legacy system..

**Responsibilities**

* Responsible for design and development of Client, supra-clients and AGF modules.
* Defect fixing and performance improvement in Assembly Test cycle.
* Coordinate with onsite team for issues,clarifications, status update.
* Learned and implemented Open source XSL-FO implementation(PDF generation) for

Hera+ project using technologies like xml, xsl,Apache format object (FO)

**Technologies**: Java, Unix Shell script, Sqlloader, ANT, xml, xsl and xsl-fo and Web

Services

**Company:** Accenture

**Project Name:** Customer Profile

**Client:** TELUS , Canada **June 2008 – April 2009**

**Role: Senior Software Engineer**

**Description**: Customer profile(Onsite – Offshore Model) designed to support the client's future processes. The objective of this project is to provide a holistic view of customer information, also act as a central repository of customer information which will be collected from various legacy billing systems. View will be used for activities like marketing, loyalty and retention.

**Responsibilities**

* Responsible for design and development of services using spring framework, Business Rule classes and DAO's using iBATIS framework.
* Integrated trillium software service with customer profile matching service by using SOA (Service Oriented Architecture).
* Writing component test cases and executing the same in JUnit and EasyMock.
* Defect fixing and performance improvement in Assembly Test cycle.
* Coordinate with the onsite team for issues and clarifications.

**Technologies**: Java, J2EE, JSF, Ajax, Back Base, Spring, iBATIS, Junit, EasyMock, Oracle 10g, Weblogic10.3, maven, clearcase, Eclipse, Batch framework and Control M.

**Project Name**: E-Recruitment & Management Campus

**Client:** Wipro Technologies  **Oct 2004 – April 2008**

**Role:** Module Lead

**Description**: E-Recruitment is the portal for complete Recruitment processes of Wipro that has been brought into different phases, thus e-enabling the activities of the HR team, Business, Candidates, Vendors , TM's, Panelists and Employees. Making Recruitment process online by providing desktops to users like recruiter, candidates, agencies and consultancies. Integration with other applications like SAP and PAS. Contains Modules like campus, job posting, Resume Posting, Query and search, selection process, fitment, onsite fitment, offer generation, Background verification, candidate desktop , Agency desktop, Consultancy desktop, BPO associate level hiring and helpdesk. Management Campus is Wipro's internal project to recruit management students. Institutes can register their profiles directly. The approved institutes have the option to propose campus interviews and update candidates. This has three different desktops. One is to Placement Coordinator (PC) and one is to Management Campus Coordinator (MCC) and the other is for candidates. This application sends the mails to users for each process like interview details, campus confirmation.

**Responsibilities:**

* Handling design and development of enterprise applications using the J2EE environment.
* Maintaining application software by analyzing bottlenecks, fixing bugs and enhancing the functionality of existing systems.
* Designing, developing & testing.
* Assisting technical helpdesk for live support.
* Integration with SAP module.

**Technologies**: Java, J2EE, EJB, Servlets, JSP, Ajax, Oracle 10g, Weblogic, Eclipse

**Itreya Technologies pvt. Ltd**

**Project Name:** WorkFlow Direct (WFD)

**Client:**Mobius **April 2004 – August 2004**

**Role:** Programmer

**Description:** Workflow Direct (WFD) provides the means to create multi-user, distributed, web-based workflow applications. These applications consist of a series of steps, which are connected together by automatic decision points. Each step in the workflow involves Defining, Managing and Administering Workflow according to WFMC (Workflow Management Coalition). Also it gives a page designer the flexibility to create business specific pages with appropriate look and feel.

**Responsibilities**:

* Development of Admin module enhancements using Struts.
* Preparation of Unit test plan, and executing Unit Testing by JUnit.

**Technologies**: Tomcat 4.x, JDK 1.3, HTML, JSP,Servlets, Struts, XML, Dream weaver MX, Java

script

**Education**

* Master of Computer Application in Bharathidasan University -2000
* Bachelor of Computer Science in Bharathidasan University-1997

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