

Prabhakar Majji

Linkedin: <https://www.linkedin.com/in/prabhakarmajji>

Github: <https://github.com/prabhakar8179>

Mobile: +1 760-981-7972

Email: ratnamajji8179@gmail.com

Website: <https://prabhakarmajji.netlify.app/>

Professional Summary

3+ years of experience in all phases of the Software Development Life Cycle (SDLC), including requirement analysis, design, implementation, and testing of web-based and enterprise applications with a focus on Java/J2EE, Object-Oriented, and Client-Server technologies.

- Proficient in **Front-End UI technologies**: HTML5, CSS3, jQuery, JSON, Ajax, Angular, NodeJS, Bootstrap.
- Expertise in **Spring Framework**: Spring IOC, AOP, MVC, Security, Boot, Batch, and Data.
- Skilled in **SOA and Microservices** architectures with SOAP and REST web services.
- Hands-on experience with **CI/CD**: Jenkins, Kubernetes, Docker.
- Worked with **databases**: Oracle, MySQL, MongoDB, NoSQL, and used Hibernate with Spring ORM.
- Proficient in **Java SE 8** concepts: Streams, Time API, Multithreading, Exception Handling, Lambda, Generics, Collections.
- Extensive use of **Java design patterns**: Builder, MVC, MVVM, DTO, DAO, Factory Method.
- Experience with **logging and build tools**: Log4j, Ant, Maven, Gradle, JUnit-Mockito, SonarLint, SonarQube.
- Worked with **JMS MQ**: RabbitMQ, ActiveMQ, Kafka; Agile Methodologies.
- Deployed applications on **Tomcat, JBoss, WebLogic, WebSphere** servers.
- Skilled in **version control**: Git, Bitbucket, SVN.
- Worked on IDEs: Eclipse, IntelliJ, NetBeans, Visual Studio.
- **AWS Cloud**: Developed, deployed applications, set up EC2 instances, and configured AWS resources.
- Strong problem-solving skills, team player with experience in prioritizing tasks.

Education

Wichita State University

Masters in Computer Science, GPA: 4.0/4.0

Wichita, USA

January 2023 – May 2024

Jawaharlal Technological University (JNTUK)

Bachelor of Technology – Civil Engineering, GPA: 9.1/10.00

Kakinada, India

August 2015 – May 2019

Technical Skills

Programming Languages: Core Java, J2EE, PL/SQL, Typescript, Python

Version Controls: Code Cloud, CVS, SVN, Git

Web Technologies: JSON, JSP, HTML, HTML4/5, CSS, JavaScript, Angular JS, AJAX, Node JS, Bootstrap

XML Technologies: XML, DOM

Web/App Servers: Apache Tomcat 6.0/7/8/9, Web Sphere Application Server 9.0, JBoss, SOAP, RESTful

IDE: Eclipse, Net Beans, Red Hat Developer Studio, IntelliJ, STS

Integration/Build Tools: Splunk, Jenkins, Ant, Maven, Gradle, Kafka, OpenShift

Operating Systems: Windows, UNIX, Linux

Databases: Oracle, MySQL, MS SQL Server, Postgres SQL, TOAD, MongoDB, Cassandra

Frameworks: Struts, CSS Frameworks, Spring (Dependency Injection, Spring MVC, Spring Access, DAO, Spring Boot, Factory Pattern, Core, Spring Context, Spring AOP, Spring DAO, Spring IOC, Spring JDBC, Spring with Hibernate), Microservices

Cloud Technologies/DevOps Tools: AWS, Azure, Docker, Kubernetes

Testing Tools: JUnit, JMock, Mockito, Jasmine, Karma, Postman, Selenium, JIRA, Open MP.

Experience

GE HealthCare

May 2023 – August 2023

Intern, Software Developer

Bellevue, WA

- Developed Designed and implemented microservices architecture using Spring Boot, improving system modularity and scalability
- Developed a data processing pipeline using Apache Kafka for real-time event streaming, handling 10,000 events per second
- Implemented caching mechanisms using Redis, reducing database load by 30% and improving response times
- Created CI/CD pipelines using Jenkins, automating the build, test, and deployment processes
- Assisted in migrating on-premises infrastructure to AWS, utilizing services like EC2, S3, and RDS.

Environment: Java, Spring Boot, Apache Kafka, Redis, AWS (EC2, S3, RDS), Jenkins, PostgreSQL.

SAP Labs, India

January 2021 – December 2022

Full Stack Developer

Hyderabad, India

- Developed Used Angular 11 in developing single-page applications, implementing advanced features like routing, services, and directives for seamless navigation across various modules and statuses.
- Employed HTML5, CSS3, JavaScript, jQuery UI, RESTful APIs, and AJAX to engineer visually appealing and interactive front-end interfaces.
- Contributed to the development of Object-Oriented JavaScript Libraries such as Angular and Bootstrap, integrating various Bootstrap components to enhance user experience.
- Developed RESTful APIs and implemented backend functionality to support frontend features.

- Built Spring Boot Microservice for the delivery of software products across the enterprise.
- Enhanced microservices using cutting-edge Java 8 functionalities like Functional Interfaces, Stream API, Lambda functions, and Date/Time API.
- Implemented key Spring features including Spring MVC, Spring Boot, Spring Batch, Spring Security, and Spring Integration to bolster application robustness and security.
- Configured API Gateway policies for authentication, authorization, rate limiting, and request transformation to enforce security and compliance standards.
- Used in cluster as messaging system between APIs and microservices and worked on Splunk SPL queries, reports.
- Collaborated with cross-functional teams to design and implement API Gateway solutions aligned with business requirements and industry best practices.
- Employed multithreading, parallel programming, and cluster configurations to optimize performance and minimize response times.
- Worked on increasing code coverage, code quality using SonarQube and Sonar Lint
- Developed a pre-authentication framework leveraging Spring Security for seamless authentication and authorization processes.
- Utilized Spring AOP to address crosscutting concerns and integrate authorization/authentication mechanisms into applications, alongside Spring Batch for efficient data processing.
- Developed comprehensive unit testing frameworks using JUnit and performed performance testing using JMeter.
- Automated API Gateway configurations and deployments using infrastructure-as-code tools like AWS CloudFormation and Terraform, streamlining the development and deployment lifecycle.
- Employed Postman for testing RESTful APIs and utilized Maven for streamlined build and packaging processes.
- Wrote SQL queries and stored procedures for Oracle database interaction.
- Exposed Service-Oriented Architecture (SOA) through RESTful web services, ensuring loose coupling between layers using the Spring framework.
- Gitlab, Docker and Kubernetes for CI/CD on microservices and deploying to AWS Cloud and implemented CI/CD pipelines to automate the build, test, and deployment processes.
- Used AWS Lambda to facilitate seamless data uploads to AWS S3 buckets and trigger other Lambda functions.
- Deployed applications on AWS EC2 instances and configured storage on S3 buckets for optimal performance.

Environment: Eclipse, Selenium WebDriver, cucumber, HP Quality Center, Postman, JSON, Agile-Version one, Maven/ANT, GitHub, Jenkins, ETL testing, Teradata, Apache POI, JMeter.

OpenText, India

August 2019 – January 2021

Java Developer

Hyderabad, India

- Developed Responsible for creating new reusable Angular components and implementing new features, as well as maintaining and improving legacy code on the existing framework.
- Designed User Interfaces using React JS, XML, HTML, CSS, Bootstrap and JavaScript. Used React JS for templating for and developing reusable components.
- Developed application using spring concepts – (DI/IOC, AOP, Batch implementation) and Spring MVC. Used spring framework and interacted with back-end database using Hibernate framework.
- Used Java 1.8 features like Java Stream API, Lambda with references, Collections, Concurrency expressions API, etc. to enhance the code quality and readability.
- Built a geo-based social network web application with React JS, Spring Boot, Spring Security and Spring REST Hibernate ORM.
- Executed Java EE components using Spring MVC, Spring IOC, spring transactions and spring security modules.
- Designed and implemented AWS Solutions using EC2, S3, EBS, Elastic Load balancer (ELB), VPC and Cloud Formation.
- Developed some Spring customized Dependency Injections based on business logics.
- Implemented Routing and HTTP modules for navigation between the components and invoking the Rest Services using GET, POST, PUT, and DELETE methods.
- Consumed Restful web services to get the JSON object (Response) and manipulated the JSON Object to display the response in the webpage. Deployed the Application EAR and Restful Services on Jboss Application Server.
- Implemented transactions using XML, Web Services, Microservices, JNDI and Multithreading Executor Services.
- Written the Rest Services to get the data from MySQL collections in JSON format.
- Implemented User Interface and integrated with backend code, Node JS as server-side technology.
- Developed and executed Unit Test plans using JUnit, ensuring that results are documented and reviewed with Quality Assurance teams responsible for integrated testing.
- Developed Maven scripts and developed builds using Maven and continuous integration servers like Jenkins.
- Implemented Log4j and I18N technology for a broader perspective of the project.
- Used GIT for version control across common source code used by developers.
- Participated in configuration management, change management activities and code re-views.
- Used JIRA for defect management and to keep track of bugs and issues.
- Involved in weekly Sprint planning and retrospectives and two scrum meetings a day to deliver product in less time with good quality.

Environment: Agile, Java, Eclipse IDE, Postman, GitHub, Jira, ALM, Selenium, Manual testing, Cypress, Jenkins, Percy, Java, Java script.