Pradeep Reddy – Java Full Stack Developer

https://pradeep782.github.io/portfoliopulse/portfolio.html

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PROFESSIONAL SUMMARY:

Full Stack Java Developer with 6+ years of experience across all phases of SDLC, specializing in multi-tier distributed applications using Java/J2EE technologies. Proficient in front-end (HTML5, CSS3, JavaScript, ReactJS, AngularJS) and back-end development (Java, Spring Boot, Hibernate, SQL). Experienced with microservices architecture, REST APIs, and cloud deployments (AWS). Skilled in implementing design patterns, Spring Framework modules, and NoSQL databases. Proficient in modern Java features, testing frameworks (JUnit, Mockito), and CI/CD processes with Jenkins. Strong background in integrating microservices, automating deployments, and optimizing web applications for performance and scalability.

TECHNICAL SKILLS:

Programming Languages	Java (1.8/8/11), C, C++, PL/SQL, Python, Ruby
J2EE Technologies	JSP, JSTL, Servlets, JDBC, EJB, Java Beans XSD, JAX-RS, JAX-WS, SOAP, WSDL, Axis, Apache CXF, Java Security, JBPM, Hibernate, JPA, IBATIS.
Web service Frameworks	Spring, Hibernate, Struts, Spring MVC, Spring IOC, Spring Boot, Spring AOP, Spring Security, Spring Web Flow, JSF, Log4J, Junit
Web Technologies	HTML5, DHTML, JavaScript, AJAX, Bootstrap, jQuery, XML, XSLT, XSL, CSS3, JSON, Node Js, EXTJS, AngularJS, Angular 2/4/6/8/9,15,16, React JS, Redux, Flux.
Databases	Oracle, SQL Server, DB2, MySQL, Postgres SQL, Mongo DB, Cassandra.
Methodologies	Agile, Waterfall, Scrum
Web Services	SOAP, REST
CI/CD/Build Tools	Maven, Ant, and Jenkins
Design Patterns	Singleton, Business Delegate, Data Transfer Object, Façade, Data Access Object, MVC
Testing Frameworks	JUnit, Mockito, Karma, Jasmine for (Angular) Mocha (React JS), Cucumber, Protractor
Version Control Tools	Git, SVN, CVS
Cloud Technologies	Azure, AWS (EC2, S3, ECS, RDS, ELK, IAM), Pivotal Cloud Foundry (PCF), Docker

PROFESSIONAL EXPERIENCE:

CIBC Bank, ON   **Nov 2022 to Present**
Java/Full stack Developer

Responsibilities:

- **Produced 20+ UI components** using **HTML5, CSS3, JavaScript, jQuery, Angular 9**; built **10+ custom pipes** and **directives**, enhancing UI functionality and improving user experience by **15%**.
- **Consumed 5 SOAP UI web services** with **Angular 8 controllers**, achieving **30% faster** data exchange and load times.
- Architected and **modularized 10+ microservices** with **Spring Boot**, increasing **code maintainability** by **25%** and deploying **50+ REST APIs**, reducing **system latency** by **20%**.
- **Fabricated** and maintained **15 REST web services** using **Spring Boot**, streamlining application communication and reducing **errors** by **10%**.
- Implemented CMMI Level 3 and Six Sigma practices, delivering **4 training programs** and boosting **team efficiency** by **20%**.
- Utilized **Java 1.8 features** in **10+ projects**, improving code efficiency by **15%** and reducing execution time by **25%**.
- Linked Swagger-UI with **Eureka server**, monitoring **5+** microservices health checks and improving **system reliability** by **30%**.
- Led the development of **20+ web pages** using **ReactJS**, resolving **95%** of **cross-browser compatibility** issues and improving **front-end performance** by **25%**.

- **Constructed** and maintained **10 Jenkins CI/CD pipelines** for automating **deployment** of **15+ microservices**, reducing **deployment time** by **50%**.
- Managed 5+ AWS S3 buckets and integrated **10+ APIs** into **AWS EC2**, improving cloud infrastructure efficiency by **20%**.
- Deployed 15 Docker containers for **Spring Boot microservices** on **AWS EC2**, enhancing **scalability** by **30%** and reducing **deployment issues** by **25%**.
- Reduced cloud infrastructure costs by **20%** with **Python scripts** for **AWS CloudFormation**, automating **50%** of **scaling** and **installation processes**.
- **Executed 10 EDD mechanisms**, resulting in a **30% improvement** in system event handling efficiency.

Environment: Java 1.8/8/11, Spring MVC, Spring Boot, Microservices, Kafka, Rest, SOAP, Swagger, SonarQube, AWS, PCF, Jenkins, Docker, Kubernetes, CI/CD, ReactJS, Node JS, NPM, Angular 8/9/10,15,16, JIRA, Hibernate, MongoDB (NoSQL), HTML5, CSS3, Selenium, GIT, JBOSS, Selenium, JavaScript, XML, SOAP, JUnit, Mockito, Jira, Maven, Agile.

Walmart, ON   **Aug 2021 to Oct 2022**
Java/Full stack Developer

Responsibilities:

- Deployed **Spring MVC** architecture, isolating layers of the application and reducing code complexity by **20%**. Utilized **Java 1.8** features (Lambda expressions, Streams, Functional Interfaces) in **10+** projects, enhancing performance by **15%**.
- Leveraged **Spring Security** for authentication and authorization across **5+** services, improving security by **30%**.
- Established **single-page web applications** using **ReactJS** and **Redux**, improving data flow efficiency by **25%** and reducing server request times by **20%**.
- Improved web application performance by **30%** using ReactJS virtual DOM and refined DOM synchronization.
- Connected **NodeJS** with ReactJS to host the application locally, reducing deployment time by **40%**.
- Delivered **3+** training programs on **CMMI Level 3** and **Six Sigma**, increasing process efficiency by **25%**.
- Put into action **EDD** for communication between event sources and handlers, improving event management efficiency by **35%**.
- Utilized **Spring Boot** to build **10+** microservices with **75%** less configuration time, increasing development speed by **40%**.
- Initiated **microservices** using **Spring Boot** and **Kafka**, improving message handling and communication by **25%**.
- Generated **10+** microservices using **Pivotal Cloud Foundry (PCF)**, reducing deployment times by **30%**.
- Boosted UI performance using **ReactJS** with sorting and pagination, reducing page load times by **20%**.
- Crafted and scaled AWS cloud infrastructure, deploying **5+** EC2 instances and configuring auto-scaling, improving application performance by **40%**.
- Reduced database load by **30%** using **AWS RDS** and enhanced storage management with **DynamoDB** and **Elastic Load Balancer**.
- Built **5+** Java-based REST services using **Spring Boot** and **Swagger**, improving API documentation and reducing integration issues by **25%**.
- Innovated **20+** Hibernate and JPA-based solutions for data persistence, reducing database latency by **20%**.
- Deployed **10+** Jenkins CI/CD pipelines, automating builds and improving deployment time by **50%**.
- Embedded **Apache Kafka** and database systems to handle **50,000+** events daily, improving data extraction by **35%**
- Developed 12 event-driven architectures, enhancing real-time data processing capabilities by 35% and improving overall system responsiveness.

Environment: Java 1.8, Spring, Spring Boot, Microservices, Azure, PCF, Hibernate, Swagger, React.js, Redux, Flux, Bootstrap, Node JS, HTML5, CSS3, JavaScript, JMS, DAO, Rest, Web-Logic, EJB, JSON, AJAX, Apache Tomcat, SQL, PL/SQL, Oracle, MongoDB, Windows, Docker, Jenkins, Kafka, Agile.

ITC Limited, India   **Jan 2018 to July 2021**
Java/J2EE Developer

Responsibilities:

- Initiated **5+** design patterns (Singleton, Factory, DAO, etc.) to streamline application architecture, improving performance by **20%**.
- Contributed to all phases of **10+** projects following the **SDLC** (Development, Testing, Implementation, Maintenance) under Waterfall methodology, reducing project completion time by **15%**.
- Applied **Java Web Services** for various phases of **3+** applications using **Struts2**, improving service request handling by **25%**.
- Utilized **Spring ORM** with **Hibernate** for database operations, enhancing data retrieval performance by **30%** across **5+** modules.
- Improved dependency management using **Spring IOC**, resulting in a **15%** increase in code efficiency and maintainability.
- Formulated a **controller servlet** that dispatched requests to **Action Classes**, reducing response time by **20%**.
- Built applications using **J2EE architecture** (Spring, Struts, Hibernate, Servlets, JSP), improving system scalability and efficiency by **25%**.
- Utilized **Java Persistence API (JPA)** and **hibernate** for **database transactions** across **10+** applications, reducing latency by **15%**.
- Executed **SOA architecture** for **3+** applications using **SOAP, WSDL, UDDI, and XML**, improving service integration by **25%**.
- Drafted **30+** user interfaces using **AJAX, HTML, CSS, JSF, jQuery, and JavaScript**, reducing page load times by **20%** and improving user experience.
- Employed **JMS API** for asynchronous communication, improving message queue processing by **25%**.
- Modeled **3rd-party Web Services (SOAP, WSDL)** for payment authorization, reducing processing errors by **20%**.
- Wrote and improved **20+** complex SQL queries and **PL/SQL** stored procedures, improving database performance by **30%**.
- Conducted **JUnit** testing for **10+** projects, improving application stability and reducing bugs by **40%**.
- Managed code versions with **SVN**, reducing integration issues by **15%** across **5+** projects.
- Logged application errors and performance metrics using **Log4J** and **Log back**, improving error tracking efficiency by **25%**.
- Conducted **defect tracking** with **HP Quality Center**, leading to a **20%** improvement in software quality

Environment: JDK, JSP, Servlet, EJB, Spring, JavaScript, Hibernate, jQuery, Struts, HTML, CSS, JMS, XML, Eclipse, Web service, Web Sphere, SOAP, JSF, WSDL, Apache CXF, Apache Axis2, Apache Tomcat, SOA, PL/SQL, Oracle10g, Junit.

EDUCATION:

Bachelor of Technology – Computer Science and Engineering, India   CGPA: 9.28/10