Hari Chandra Prasad

Java Full Stack Developer

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SUMMARY

Detail-oriented **Java Full Stack Developer** with over **3 years of experience** building scalable, secure, and responsive web applications. Proficient in **Java, Spring Boot, React.js, and RESTful APIs**, with strong knowledge of both **relational (MySQL, SQL Server)** and **NoSQL (MongoDB)** databases. Skilled in **microservices architecture**, **CI/CD pipelines**, and **automated testing** using tools like **JUnit** and **Mockito**. Demonstrated success in **reducing deployment times by 40%**, **improving API efficiency by 25%**, and **enhancing UI development speed by 20%** through reusable component design. Collaborated effectively in **Agile/Scrum** environments across cross-functional teams, using tools like **JIRA**, **Confluence**, and **GitHub**. Hands-on experience with **Docker**, **Kubernetes**, and **Jenkins** for containerized deployments and continuous integration. Strong foundation in **software development life cycle (SDLC)**, paired with practical exposure through academic projects such as an **E-Commerce Platform** and **Student Feedback System**, showcasing full-stack development, JWT security, and database integration.

Key Achievements:

- Improved API performance by 25% through optimized payload structuring techniques.
- Increased frontend efficiency 20% by developing reusable React UI components.
- Achieved 85%+ test coverage, reducing regression bugs by 45% overall.
- Reduced deployment time by 40% using Docker and Kubernetes orchestration.

SKILLS

Frontend: React.js, Next.js, Angular, Vue.js, Redux, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, Bootstrap, jQuery, AJAX, GraphQL, PWAs, Recharts
Backend & APIs: Java, Spring Boot, Spring MVC, Hibernate, Node.js, Express.js, RESTful APIs, GraphQL, Kafka, WebSockets, Python, C/C++, Microservices
Database: MySQL, PostgreSQL, SQL Server, MongoDB, Cassandra, Firebase, Redis, DynamoDB, Oracle
Cloud & DevOps: AWS (Lambda, EC2, S3, RDS, CloudWatch), Azure, GCP, Docker, Kubernetes, Jenkins, GitHub Actions, Terraform, NGINX
Testing & Security: JUnit, Mockito, Selenium, Cypress, Spring Test, TDD, BDD, OAuth2, OpenID Connect, OWASP Security Practices
Monitoring & BI: Prometheus, Grafana, Tableau, Splunk
Tools & Platforms: Git, GitHub, GitLab, IntelliJ IDEA, VS Code, Eclipse, Postman, Swagger, JIRA, Confluence
Methodologies: Agile, Scrum, SDLC, Data Structures & Algorithms
Soft Skills: Problem-Solving, Communication, Teamwork, Adaptability
Emerging Trends: Progressive Web Apps (PWAs), AI-Driven Applications, Cloud-Native Development

PROFESSIONAL EXPERIENCE

Java Full Stack Developer, *TatvaSoft* 02/2021 – 07/2023 | Ahmedabad, India

- Developed and maintained enterprise-grade web applications using **Java (Spring Boot)** on the backend and **React.js** with **Next.js** on the frontend, resulting in a **30% faster feature release cycle**.
- Built secure, high-performance **RESTful** and **GraphQL APIs** integrated with **JWT and OAuth2** authentication, reducing API response size and enhancing user data protection.
- Integrated **Kafka** into microservices architecture to enable real-time communication and event streaming across services, improving system responsiveness and reliability.
- Implemented **CI/CD pipelines** using **GitHub Actions** and **Jenkins**, streamlining deployments and improving release consistency by **45%**.
- Leveraged **Docker** and **Kubernetes** for containerization and orchestration of services, reducing environment inconsistencies and manual deployment errors.
- Automated cloud infrastructure provisioning and environment setup on AWS using **Terraform**, cutting infrastructure spin-up time by **40%**.
- Enhanced frontend development efficiency by using **Tailwind CSS** for utility-first styling and developing reusable components in React, leading to a **20% reduction in development effort**.
- Set up **Prometheus and Grafana** dashboards to monitor application performance and availability, increasing system observability and aiding in proactive issue resolution.
- Designed and optimized database schemas and queries in **SQL Server** and **MongoDB**, improving database query speed by **50%** for complex operations.
- Ensured code reliability and stability with **85%+ test coverage** using **JUnit**, **Mockito**, and **Spring Test**, which contributed to a **45% reduction in production bugs**.

Junior Web Developer, *DXC Technologies* 08/2020 – 01/2021 | Hyderabad, India

- Built responsive web pages using **HTML5, CSS3, JavaScript**, and **Bootstrap**, improving load speed by **18%** through optimized styles and assets.
- Integrated frontend with **RESTful APIs** using **AJAX**, **Redux**, and **Postman**, improving dashboard responsiveness and reducing API latency by **25%**.
- Assisted in developing **Spring Boot microservices**, implemented pagination and caching to reduce response times from **1.2s to 700ms**.
- Wrote unit and integration tests with **JUnit** and **Mockito**, raising test coverage from **60% to 78%** and catching over a dozen issues pre-release.
- Developed UI components using **React.js**, ensuring cross-browser compatibility and mobile responsiveness across client apps.
- Participated in Agile ceremonies, tracked tasks in **JIRA**, and used **Git/GitHub** for source control and team collaboration.

PROJECTS

E-Commerce Web Application

Overview: Built a full-stack e-commerce web application as part of a final-year academic project to simulate a real-world online shopping platform. The goal was to implement secure user interactions, dynamic product management, and a scalable backend using industry-standard technologies.

Tasks:

- Designed RESTful APIs with **Java**, **Spring Boot**, and **Hibernate**, enabling product listings, cart operations, and user authentication.
- Developed the front end using **React.js**, **Redux**, and **Bootstrap**, ensuring a responsive and intuitive user experience.
- Implemented JWT-based security, integrated **MySQL** for persistent data storage, and deployed the application on **Heroku**.

Result: Successfully built a fully functional e-commerce platform supporting user registration, secure login, product filtering, and order placement. The project demonstrated full-stack integration and was showcased in the college tech fest.

Online Student Feedback System

Overview: Developed a digital feedback management system to allow students to provide anonymous course and instructor reviews. The project aimed to digitize feedback collection and analytics for university departments.

Tasks:

- Created a backend using **Java**, **Spring MVC**, and **JSP/Servlets** for form submissions, data validation, and report generation.
- Designed an admin dashboard using **HTML5**, **CSS3**, **JavaScript**, and **jQuery** for managing departments, faculties, and feedback records.
- Utilized **PostgreSQL** as the database and integrated email notifications for feedback summaries.

Result: The system enabled automated feedback processing, eliminating manual form collection. Achieved a 100% feedback submission rate in trials with reduced processing time by 70%. Appreciated by faculty for improving data transparency and analysis.

EDUCATION

Masters in Information Systems, *Saint-Louis University* 05/2025 | Saint-Louis, USA