PRAJWAL WAGMODE

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SUMMARY

Software Engineer with 3.5 years of experience designing and developing scalable web applications using Java, Spring Boot, React, and Node.js. Proven track record in engineering high-performance solutions handling 100K+ transactions monthly and optimizing application load times by 35%.

EDUCATION

Shreedevi Institute of Technology, India (Mangalore, Karnataka)   May 2016 – May 2025

Bachelor of Engineering - Aeronautical Engineering   *CGPA : 6.2/10.0*

TECHNICAL SKILLS

Programming Languages : Java, JavaScript (ES6+)

Frameworks : Spring Boot, React v18+, Node.js, Hibernate, JPA, Microservices

DevOps & Tools : IntelliJ IDEA, VS Code, Postman, Spring Tool Suite, Git

Core Competencies: System Design, OOP, RESTful APIs

Databases : MySQL, H2, MongoDB

WORK EXPERIENCE

Technology Analyst   **January 2022 –May 2025**

Infosys   *Banglore, India*

- **ARE Retention and Record Deletion – Allianz**: Architected and delivered a scalable React app processing 50K+ records/month, ensuring compliance with enterprise-grade security and UI standards.
- Built modular React components with Hooks and integrated JWT authentication via Context API for secure access by 1K+ users.
- Optimized performance using React Lazy and React Query, cutting load times by 35%.
- Enhanced Spring Boot REST APIs with JPA and Hibernate, streamlining MySQL data operations.
- Led Agile sprints and code reviews for a 15-member team, reducing defects by 20%.
- **VPACS (Visual Packaging Control System)** – Toyota: Maintained and Enhanced React-based UI, delivering 12+ new features and fixing 30+ bugs, improving platform stability and user experience.
- Enforced Ag Grid for dynamic data rendering and custom hooks with Context API for efficient state management.
- Resolved 100% of SonarQube issues and increased Jest test coverage from 0% to 80% across 20+ components, boosting code quality.
- Collaborated in defect triage and incident resolution, ensuring on-time delivery for global clients.
- Utilized React, JavaScript (ES6+), Node.js, MySQL, and Spring Boot to deliver robust, SLA-compliant solutions.

PROJECTS

News Aggregator API   *Java 17, Spring Boot, Spring Security, Hibernate, JPA, H2, REST Template, Git*
GitHub

- Architected and developed a RESTful News Aggregator backend supporting personalized news delivery for 500+ users. Integrated. News API for real-time content and applied Spring Security with JWT to enforce authentication standards.
- Designed layered controller-service-repository architecture, resulting in modular, scalable code. Ensured robustness by integrating validation, exception handling, and comprehensive testing with Postman and H2.

E-commerce Backend API   *Node.js, MongoDB, JWT, bcrypt.js,Postman, Git*
GitHub

- Developed and deployed a secure backend serving user registration, login, product catalogue, and order processing workflows for an e-commerce platform supporting 1K+ users.
- Executed RESTful endpoints with Node.js and applied JWT authentication and bcrypt encryption, ensuring data protection and minimizing security risks. Achieved test coverage of all endpoints using Postman.

Flow Automation Platform   *Java, Spring Boot, Spring Security, JWT, MySQL, REST APIs, Git*
GitHub

- Engineered a backend platform automating multi-step workflows with dynamic triggers, enabling real-time notifications and error logging. Supported creation and modification of 100+ workflows via secure, role-based authorization.
- Designed MySQL schema for complex data relationships and containerized the solution to streamline deployment. Ensured robustness through API testing and production-ready validation.

CERTIFICATIONS

- Infosys Certified JavaScript Developer • Infosys Certified Java SE8 Developer   • Backend Engineering (Airtribe)