

KRUTHIK B

Java Developer

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SUMMARY

Dedicated **Java Developer** with proven experience in collaborating with cross-functional teams and following Agile practices. Skilled in end-to-end feature ownership, including design, implementation, testing, and documentation, with a focus on enhancing system reliability and developer productivity. Seeking opportunities to leverage my expertise in a dynamic development environment.

SKILLS

Technical Skills : Java ; JavaScript ; Spring Boot ; Spring MVC ; Spring Data JPA ; REST APIs ; Servlets ; JPA ; SQL ; JUnit ; Postman ; Apache JMeter ; Swagger ; OpenAPI ; HTML ; CSS ; Bootstrap ; Git ; Maven ; IntelliJ IDEA ; OOP ; MVC ; Caching ; Encryption ; Agile;

Programming Languages: Java, JavaScript

Frameworks: Spring Boot, Spring MVC, Spring Data JPA

APIs & Web: REST APIs, Servlets, JPA

Databases: SQL, JDBC

Testing & QA: JUnit, Postman, Apache JMeter

Documentation: Swagger, OpenAPI

Frontend: HTML, CSS, Bootstrap

Tools: Git, Maven, IntelliJ IDEA

Concepts & Patterns: OOP, MVC, Caching, Encryption, Agile, Role-based Access Control, Validation, Exception Handling

Performance Optimization: SQL Query Optimization, Caching Strategies, Pagination

Version Control: Git Feature Branching, Pull Requests, Code Reviews

WORK EXPERIENCE

Software Intern

Feb 2025

X-Workz ODC

Bangalore

- Executed backend modules using **Java**, **Spring MVC**, and **Servlets** to structure user and vendor workflows, delivering stable **REST APIs** and smoother data flow across the application.
- Applied lightweight service-level caching to reduce repetitive database calls, improving average response times by **25–30%** in internal benchmarks.
- Improved **SQL queries** and **MVC request handling** for high-traffic operations, reducing vendor listing and search page load times by **~20%**.
- Refactored controller and service layers to remove redundant logic, lowering code complexity and debugging time by **~30%**.
- Established consistent input validation and centralized exception handling, decreasing form-related test failures by **~40%**.
- Created **Postman collections** covering **20+** API workflows and documented endpoints, accelerating testing and verification by **~25%**.
- Collaborated using **Git feature branches** and pull requests; participated in code reviews and **Agile ceremonies** to ensure clean version control and reliable releases.

PROJECTS

Vendor Application

Sep 2025 - Dec 2025

Technologies: Spring MVC, SQL, JDBC, JPA, Java Mail API

- Built a full-stack **vendor management system** using **Java**, **Spring MVC**, **JDBC**, **JPA**, and **JavaScript**, improving internal workflow efficiency by **~35%** through modular vendor, user, and admin features.
- Streamlined **SQL queries and implemented pagination**, reducing vendor listing and search page load times by **~30%**.
- Enforced **role-based access control (Admin/User)** with input validation and field-level encryption, decreasing unauthorized access attempts and form errors by **~40%** during testing.
- Developed **REST controllers and documented APIs with Swagger**; created Postman collections to standardize testing and reduce API verification effort by **~25%**.
- Automated **email reminders using JavaMail schedulers**, cutting manual follow-ups by **~50%**.
- Enhanced complex **SQL queries and designed a SQL-driven backend with JDBC and JPA**, improving data retrieval and update performance by **~20–25%** in internal evaluations.

EDUCATION

B.E. in Computer Science Engineering

Adichunchanagiri Institute of Technology, **7.54 CGPA**

Dec 2021 - Jun 2025