

VAISHNAVI PETKAR

SOFTWARE ENGINEER at Canopus Software Solutions

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Profile Summary

2 year 11 months of experience as software engineer using Java Backend Development using Technologies like Java, Spring Boot, Microservices, Rest API'S, Spring Security, Spring Data JPA, MYSQL, MongoDB, etc.

Work Experience

Canopus Software Solutions Pvt. Ltd. — Software Engineer (August 2022 - Current)

- Developed scalable RESTful APIs using **Java, Spring Boot**, and **MongoDB** for high-performance applications.
- Collaborated with front-end teams to optimize APIs, reducing response times by 25% and improving data efficiency.
- Designed and implemented **microservices** for project-specific domains including education, ERP, and finance.
- Collaborated cross-functionally with **Angular** frontend teams to build responsive, real-time UI integrations using **REST APIs**.
- Built secure user authentication and authorization modules using **Spring Security** for highly sensitive applications.
- Designed custom **exception handling**, enhancing system reliability and user experience.
- Integrated **Docker** for containerizing Spring Boot applications, streamlining **CI/CD pipelines**.
- Optimized database interactions with **Spring Data JPA, MySQL**, and **MongoDB**.
- Managed source control with **Git**, ensuring stable releases and reducing bugs.
- Practiced **Agile methodologies**, delivering projects on time with consistent quality.
- Collaborated with **Angular** developers to ensure seamless integration of dynamic front-end components.

Technical Skills

- **Front-end:** HTML5, CSS3, JavaScript, Angular, Typescript, Bootstrap, JSP
- **Back-end:** Hibernate, Java, Spring Core, Spring MVC, Spring Boot, Spring Security, JWT, Rest API'S, Microservices
- **ORM Frameworks:** Spring Data JPA, Hibernate, JDBC
- **Database:** MySQL, MongoDB
- **Operating Systems:** Windows
- **Version Control & Collaboration:** Git
- **Others:** Maven, Docker, Eclipse IDE, Postman, MySQL Workbench, STS IDE, Microsoft Visual Studio

Projects

Prep Dost (July 2023 - Current)

- **Project Description:**
A platform to help students and job seekers improve typing speed and accuracy through topic-based timed tests. Built and secured backend services using Spring Boot, REST APIs, Spring Security, and integrated MongoDB and MySQL for progress tracking and leaderboard features.

Farma Friend (August 2022 – June 2023)

- **Project Description:**
An ERP + finance application for farmers to purchase agri-products online and apply for micro-loans. Developed backend modules for inventory, purchase, loan processing, CIBIL-based approvals, EMI planning, and nearest dealer delivery mapping using Spring Boot and MySQL.

Education

RMD Sinhgad School of Engineering

Pune | 2018 - 2022 | CGPA: 7.65

MJCOE(State Board - XII)

Shegaon|2017|Percentile:58.9%

SSGMES(State Board - X)

Shegaon|2015|Percentile:81.2%

Certifications

- Java Web Development/ JEE/ Jakarta EE (Servlet, JSP, MVC)
- Spring MVC with Spring Boot (All Modules)
- Full stack development Course - CJC