

PREETHIKA M

Software Developer

Tiruppur, Tamil Nadu | +91 7708144553 | ppreethika366@gmail.com | <https://www.linkedin.com/in/preethikam2821/>

PROFILE SUMMARY

Junior Software Engineer with hands-on experience in building scalable Java-based microservices using Spring Boot and MySQL. Skilled in developing RESTful APIs, implementing secure authentication, and optimizing backend performance. Familiar with cloud concepts (AWS) and eager to expand knowledge in cloud-native SaaS platforms. Strong problem-solving abilities, collaborative mindset, and quick adaptability to new technologies.

EDUCATION

KPR Institution of Engineering and Technology, Coimbatore

Bachelor of Engineering in Computer Science

CGPA: 8.3 / 10

June 2019 – May 2023

SKILLS

Programming Languages - JAVA, HTML & CSS

Database – MySQL, JPA

Framework - Spring Boot, Spring MVC, Spring Security, Hibernate

API & Web Services - RESTful APIs, Swagger

Cloud & DevOps – AWS, CI/CD, Docker (basic)

Developer Tools - IntelliJ IDEA, Maven, Git.

EXPERIENCE

JAVA Backend Developer

AdmiroSoft Technologies, Tiruppur

Jan 2024 – Present

- Developed and maintained Java microservices using Spring Boot and MySQL to deliver secure and production-ready systems.
- Designed and implemented scalable features for product, cart, order, payment, and user authentication modules using JPA and service-layer architecture
- Optimized queries and transactions, achieving improved backend performance and data integrity.
- Implemented JWT authentication and role-based access control, ensuring secure multi-user operations.
- Gained exposure to cloud deployment and containerization concepts while following best practices for scalable backend design.
- Collaborated with frontend teams and QA to troubleshoot issues and improve API responsiveness.

PROJECT

Uutru | E-Commerce App & Website Backend

- Developed a robust backend for an e-commerce platform using Java, Spring Boot, and MySQL, supporting both web and mobile applications.
- Designed and implemented RESTful APIs for user authentication, product management, cart, orders, payments, and wishlist with role-based access control. Optimized database interactions using JPA and Hibernate, ensuring efficient performance and scalability.
- Integrated JWT authentication, payment processing, and API security while collaborating with frontend teams for seamless functionality.

Achievements: Reduced API response time by 30% through efficient query design, enabled secure multi-role access (admin/user) with scalable architecture.

Zeliver | E-Commerce & Delivery App Backend

- Built a scalable backend for an e-commerce and delivery platform using Java, Spring Boot, and MySQL, facilitating seamless order processing between vendors and customers.
- Developed APIs for order management, fare calculation, distance estimation, and delivery time prediction using geolocation services.
- Implemented real-time status tracking, and role-based access control, ensuring a smooth and efficient delivery experience. Optimized database interactions with JPA and Hibernate, enhancing performance and scalability.

Achievements: Achieved 99.9% uptime in backend services during active user testing, enhanced delivery ETA accuracy by integrating third-party geolocation APIs.

Homies Stay | PG Booking App Backend

- Engineered the backend for a PG rental platform using Java, Spring Boot, and MySQL, allowing vendors to update room availability in real-time. Developed APIs for room listings, booking management, video call scheduling, and in-person visits, enabling a seamless user experience.
- Integrated secure authentication, role-based access, and real-time data updates to facilitate smooth interactions between vendors and customers. Enhanced performance and scalability using JPA, Hibernate, and optimized database queries for efficient data handling.

CERTIFICATION

Python for Data Science - NPTEL

July 2021

Problem Solving (Basic) – HackerRank

Dec 2021