

Bhumika

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PROFESSIONAL SUMMARY

Java Full Stack Developer with 1 year of experience in designing and building scalable, microservices-based web applications using Spring Boot, Angular, and MySQL. Skilled in REST API development, JWT-based authentication, and deploying secure, cloud-enabled solutions on AWS. Passionate about writing clean, maintainable code and delivering efficient, user-focused software.

TECHNICAL SKILLS

Languages & Frameworks: Java, JavaScript, TypeScript, Python, Spring Boot, Angular, React (basic)

Web & Styling: HTML5, CSS3, Tailwind CSS

Database & Cloud: MySQL, AWS (EC2, S3)

Tools & Platforms: Git, Dynatrace, VS Code, Postman, Swagger, Maven, Adobe Photoshop, Eclipse, IntelliJ IDEA

Testing & CI Tools: JUnit, Mockito, Jenkins (basic)

WORK EXPERIENCE

Capgemini

Software Engineer

Sep 2024 – Present

Full Stack Developer

- Diagnosed and resolved backend and frontend issues in Java Full Stack applications, optimizing performance and reliability using Spring Boot, Hibernate, JPA, Angular, and MySQL.
- CropDeal:** Built a full-stack agriculture platform with Angular, Spring Boot, Hibernate, and MySQL. Implemented JWT authentication, integrated Stripe payments, automated invoice generation, and dynamic dashboards for farmers, dealers, and admins.
- Improved frontend efficiency by achieving a 20% reduction in page load times, applied responsive design using Bootstrap, and deployed the app on AWS EC2 with Spring Security for backend protection.
- Energy Dashboard:** Developed backend logic for tracking solar energy production and consumption. Enabled surplus energy redirection to the grid and built filter-based analytics with data visualized via ngChart in Angular.

PROJECTS

Ride Right

Java Full Stack with Angular, MySQL

- Architected and delivered a full-stack car sales platform with secure access, enabling real-time bidding for 100+ concurrent users and efficient management of dynamic car listings.
- Applied JWT-based authentication and role-based access control (RBAC) to differentiate Admin/User functionalities.
- Integrated Spring Boot, JPA, and Hibernate for efficient data handling and modular service design.
- Designed intuitive, responsive user interfaces in Angular and Tailwind CSS, enhancing user experience and visual hierarchy.

System for Beacon Based Indoor Location Tracking - Patent, 202411042850

Published June 14th, 2024

- Built a beacon-based indoor location tracking solution using ESP-32 and BLE 4.2 for real-time position detection.
- Integrated with a mobile app made using Java and Kotlin to enable real-time tracking and data exchange.
- Enforced AWS-based authentication protocols ensuring data security and system integrity.

EDUCATION

Lovely Professional University

Bachelor of Technology, Computer Science and Engineering, CGPA 8.37

Phagwara, Punjab

2020 - 2024

St. Xaviers School

Higher Secondary, Percentage: 84.6

Hazaribagh, Jharkhand

2018 - 2020

CERTIFICATIONS

- AWS Certified Cloud Practitioner CLF-C02**
- Agile Software Development**
- Introduction to Big Data**