Ritika Hedau

Senior Analyst/ Software Developer

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PROFESSIONAL SUMMARY

Results-driven and detail-oriented **Java Backend Developer** with over 3 years of hands-on experience in building, deploying, and maintaining robust backend systems for enterprise-grade applications. Specialized in Java (8/11/17) and Spring Boot, with a strong command of RESTful API development, microservices architecture, and event-driven systems.
Proficient in the full SDLC, from requirements gathering to deployment and support. Known for writing clean, efficient code and collaborating effectively with cross-functional teams in Agile/Scrum environments. Proven ability to enhance system performance, reduce downtime, and deliver reliable backend solutions.

PROFESSIONAL EXPERIENCE

Capgemini

Senior Analyst / Software Developer
Pune, India | *October 2022 – Present*

- Developed and maintained scalable backend services using Java 11, Spring Boot, and Hibernate.
- Designed and implemented RESTful APIs for enterprise-level applications, improving system integration and performance.
- Migrated legacy monolithic applications to microservices architecture, reducing deployment time by 40%.
- Collaborated with DevOps team to implement CI/CD pipelines using Kubernetes.
- Conducted unit testing and integration testing using JUnit and Mockito, achieving 85% test coverage.
- Participated in Agile ceremonies and contributed to sprint planning, retrospectives, and daily stand-ups.

TECHNICAL SKILLS

Programming Languages: Java (8/11/17), SQL, C
Frameworks & Libraries: Spring Boot, Spring MVC, Hibernate, JPA
Web Technologies: RESTful APIs, JSON, XML, HTML, CSS
Databases: MySQL, PostgreSQL
Tools & Platforms: Git, Maven, Kubernetes, IntelliJ IDEA, Eclipse
Testing: JUnit, Mockito, Postman, Swagger
Cloud & DevOps: AWS (EC2, S3, RDS), Azure (basic), CI/CD
Methodologies: Agile (Scrum), SDLC

EDUCATION

Bachelor of Engineering – Information Technology
Kavikulguru Institute of Science and Technology, Ramtek
August 2018 – June 2022
- Specialized in Software Development, Networks, and Database Management
- Led capstone project on eCommerce platform development
- Actively engaged in technical clubs and coding competitions

PROJECTS

1. **E-Commerce backend API**
   • Developed and maintained backend services for the **e-commerce platform**, supporting product catalog, shopping cart, order processing, and customer management.
   •Built and optimized RESTful APIs for product listings, filtering, cart operations, and checkout workflows.
   • Integrated payment gateway APIs and implemented secure transaction handling with rollback mechanisms.
   •Event-driven architecture to handle order events, inventory updates, and email notifications.
   •Collaborated with frontend and QA teams in Agile sprints, ensuring timely delivery and high-quality releases.
   •Automated build and deployment pipelines using Jenkins, Docker, and Git, reducing manual deployment errors.

2. **Online Registration for COVID-19 Vaccination**
   • Designed and implemented a responsive web platform enabling users to register for vaccination and search from centers based on real-time availability.
   • Implemented secure user authentication, real-time booking slots, and an optimized MySQL backend for streamlined data management.
   • Reduced manual registration errors by 80%, streamlining the public health process during the pandemic.
   • Technologies: HTML, CSS, PHP, MySQL

3. **Face Mask & Gender Detection using Deep Learning**
   • Built a real-time face and gender detection system using deep learning, achieving 95%+ accuracy across diverse datasets.
   • Enabled image and live webcam processing for detecting mask usage and gender classification.
   • Successfully deployed the model on test systems, processing 20+ frames/second with real-time results.
   • Technologies: Python, OpenCV, Keras, Java, C

CERTIFICATIONS

- SAP Commerce Cloud Development (Valid until March 2023)
- Agile Software Development
- REST API Design, Development & Management
- The complete JAVA certification course
- Responsible AI (Valid until April 2024)
- JavaScript Basics (Valid until August 2023)

ACCOMPLISHMENTS

- Recognized for building a Face Recognition Application during the AI-For-India Event.
- Successfully completed internship with The Sparks.
- Finalist in Capgemini Tech Challenge 2021.
- Participant in Walmart CodeHers Hackathon by Walmart Global Tech India.