Ayush Jadhav

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PROFESSIONAL SUMMARY

Software Engineer with 3+ years' experience in full-stack development using Java, Spring Boot, Angular, AWS, and CI/CD pipelines. Skilled in backend development, system optimization, and microservices. Adept at Agile methodologies and cloud-native solutions.

EDUCATION

National College of Ireland, Dublin, Ireland
MSc in Cloud Computing
Jan 2024 – Jan 2025

AISSMS College of Engineering, Pune, India
BE in Computer Engineering
Aug 2016 – Jun 2020

TECHNICAL SKILLS

- **Languages :** Java, Python, JavaScript
- **Frontend :** Angular, HTML5, CSS3, Redux, Bootstrap
- **Backend :** Spring Boot, Spring Data JDBC, GraphQL, Django, Flask
- **Cloud and Devops :** AWS, Openshift, Docker, Kubernetes, Jenkins
- **Databases :** SQL Server, MongoDB, PostgreSQL, PL/SQL
- **Tools :** Git, Maven, SonarQube, Grafana, JMeter, JIRA
- **Testing :** JUnit, Mockito, Selenium
- **Agile Practices :** Scrum, Kanban

EXPERIENCE

National College of Ireland, Dublin
Teaching Assistant
Sep 2024 – Dec 2024

- Conducted workshops on Java, Spring Boot, Maven, mplementation of CI/CD, and SonarQube.
- Taught integration of Spring Data JPA for database operations and JWT token-based authentication.
- Guided students through connecting backend microservices to Angular frontends for full-stack application workflows.

Cognizant, Pune, India
Software Engineer
Dec 2020 – Dec 2023

- Developed enterprise-grade Java and Spring Boot based microservices on OpenShift, improving system response times by 40%.
- Migrated complex .NET monoliths to modular Java microservices, enhancing scalability and reducing overhead.
- Built CI/CD pipelines with Jenkins, reducing release cycle by 50%.
- Integrated Grafana and LogInsight for monitoring and alerting.
- Created dynamic dashboards using Angular, Bootstrap for real-time analytics and improved user experience.
- Worked closely in Agile teams following Scrum and Kanban methodologies, using Microsoft Team Foundation Server (TFS) for sprint planning, task tracking, and documentation.

PROJECTS

Mental Health Analysis   GitHub

- Built ML model (Random Forest, SVM) on AWS with Flask API, achieving 99% accuracy.
- Integrated DynamoDB, Lambda, and EC2 for prediction microservice.

SnapVibe / House Renting Apps   GitHub

- Developed Django-based apps with SQLite, Bootstrap; deployed using AWS Elastic Beanstalk.
- Implemented CI/CD, linting (Pylint), and static code analysis (SonarCloud).

CERTIFICATIONS

- NPTEL Java (Gold+Elite, 96%) [View]
- NPTEL IoT (Gold+Elite, 98%) [View]
- NPTEL Data Structures and Algorithms [View]

LEADERSHIP & EXTRACURRICULAR

Science Teacher – Camp Diaries, Pune
Feb 2020 – Feb 2021

- Taught science with practical experiments to underprivileged students.
- Promoted STEM in low-income schools across Pune.