Ishan Jogalekar

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Summary

Passionate developer with experience in back-end development, skilled in building scalable web applications using Java, Spring, SpringBoot as well as in Python. Enthusiastic about cybersecurity with a strong focus on secure coding practices and threat mitigation.

Skills

Languages: Java, Python, JavaScript, TypeScript, C/C++, SQL

Technologies & Tools: Git, *AWS Cloud- ECS & EKS, S3, EC2, SQS, Lambda,* Docker, Kubernetes, Dynatrace, Kafka, Oracle DB, Postgresql, Spring, SpringBoot, Django, Flask, Angular, Apache Tomcat, WebSphere, WebLogic, Junit, TestNG, Selenium, Unix, BurpSuite, WireShark

Work Experience

Interactive Brokers (IBSS), Mumbai-IN   Aug 2025 - Present
Software Engineer

- Development of backend database system and workflow automation for creating a reference dataset system for financial assets and contracts.
- Working on development of backend APIs, Database system and automation workflows using Oracle database.
- Java, Python, SpringBoot, Perl, Oracle database, Unix

ICICI Lombard GIC. LTD. , Mumbai-IN   Feb 2023 - July 2025
Senior Developer

- Implemented modernization of applications and Spring MVC architecture for core projects and DevSecOps integration within projects. Implemented a real-time and batch operations customer communications channel system with dynamic report generations using Jasper reports and Java backend.
- Enhancing availability and significantly reducing operational costs. Reduced the cost of running the custom reports service by more than 80%
- Successful migrations of legacy applications over AWS cloud, along with cost and usage optimizations using vertical scaling policies, EC2, RDS and S3 and a monitoring mechanism for application observability using Dynatrace, Graphana and Prometheus.
- Led a cost-saving initiative by identifying unused AWS resources, establishing S3 bucket expiration policies, and migrating projects on ECS. leading to an annual cost reduction in AWS expenditures.
- Java, SpringBoot, *AWS Cloud: EC2, S3, ECS, EKS, Cloudwatch, SQS, Lambda,* Kafka, PostgreSQL, Oracle-DB, Docker, Kubernetes

Project Work & Certificates

- **Event management web app:** Developed a web app for event or fest management system using Java-EE, SpringBoot, JavaScript, HTML-CSS and Oracle Databases. Mainly focused on database management systems and web servlet flow & control.
- **Farm2Home IoT Platform:** Independent Iot platform and application for agricultural activities with automated systems. Python, JavaScript, PostgreSQL, BootStrap CSS, Raspberry Pi, C++.
- **E-Voting, Biometric-based voting system: Research article in IGI Global** Biometric fingerprint devices are used in electronic voting machines (EVMs) for voter verification and authentication using cryptographic algorithms.
- **Web Development with Java Spring Framework :** Offered on Coursera By St.Petersburg Polytechnic University.
- **Building Scalable Java Microservices with Spring Boot and Spring Cloud :** Offered on Coursera By Google Cloud.
- **Software Security :** Offered on Coursera By the University of Maryland, College Park.
- **Container and Container Orchestration Fundamentals :** Offered on Coursera for understanding container orchestration based on Docker and Docker Swarm.
- **Generative AI with Large Language Models :** Offered on Coursera for practical skills and a functional understanding of how generative AI works

Education

VIT, Vellore   2019 - 2023
B.Tech. in Computer Science and Engineering   *CGPA: 8.73/10*

Developed strong proficiency in Object-Oriented Programming, algorithm design and OS-level concepts. Gained practical experience in Artificial Intelligence, Information Security, Digital Forensics, and IoT through hands-on coursework, projects and labs.