YASH DILIP RAJPUT

yashrajput02.scoe.comp@gmail.com |LinkedIn |GitHub |+91-6281110280

Summary

Software Engineer with expertise in **Java, Python, and Go**, specializing in **Spring Boot, Django, and microservices architecture**. Experienced in building **scalable, cloud-native applications** and optimizing production systems. Proficient in **DevOps, Kubernetes, Terraform, and CI/CD pipelines** to streamline deployments. Demonstrated ability to improve efficiency by solving **300+ coding problems** on platforms like LeetCode and CodeChef. Skilled in leveraging **AI and automation** to enhance workflows and optimize system performance.

Education

Bachelor of Engineering (B.E.) - Computer Engineering

Pune University, Pune   CGPA: 9.30/10

Technical Skills

Programming: Java, Python, C++ | **Backend**: Spring Boot, Flask, Django | **DevOps-cloud**:AWS (EKS, Lambda, S3), Terraform, Kubernetes, Docker | **Databases**: MongoDB, MySQL, PostgreSQL | **Tools-Others**: Git, Kafka, Prometheus, Grafana

Work Experience

Bank of New York Mellon - Analyst   Jul 2024 – Present

Key Skills: Java, Spring Boot, Python, Deployment, Backend, SQL, AI, LangChain, Git

- Contributed to the **Complex Fund Reporting and Fund Admin Financial Reporting Tool**, a **Java Spring Boot microservices** platform, enhancing accuracy for SEC, NECN, and NPORT compliance.
- **Automated fund onboarding** using a **Generative AI-powered tool**, reducing manual configuration time, enhancing efficiency in a fast-paced environment.
- Developed a **GenAI-based production issue analysis tool** that analyzes logs and suggests fixes, **accelerating incident resolution** aligning with maintaining application efficiency after deployment.
- Enhanced real-time fund reporting by integrating **Kafka** for event-driven architecture, improving system scalability and performance in line with technology adoption goals.
- Enhanced deployment processes using **Docker, Kubernetes, and CI/CD pipelines**, ensuring high availability and reliability, key to meeting service levels.

Bank of New York Mellon - Winter Intern   Jan 2024 – Jun 2024

Key Skills: Java, Spring Boot, Spring MVC, REST API, Kafka, Redis, CI/CD, Docker, GitLab

- Designed **FAST (Fund Admin Support Tool)**, automating tasks in **incident management**, reducing **average resolution time** and improving effectiveness of support functions.
- Developed a **real-time fund tracking dashboard** with **Spring Boot and Angular**, improving **fund tracking accuracy** and integrated a **GEN-AI chat bot** to actively solve user queries.
- Enhanced **CI/CD pipelines with GitLab and Docker**, ensuring **zero-downtime deployments**, aligning with software development lifecycle best practices.

Shyena Tech Yarns - Software Engineer Intern   Oct 2023 – Dec 2023

Key Skills: Python, Django, REST API, Celery, Stripe API, AI/ML

- Built an **AI-powered call analytics tool** that extracted real-time insights from customer conversations, enhancing understanding of customer needs.
- Developed **Django REST APIs**, enabling seamless **data retrieval**, contributing to efficient data handling in web applications.
- Optimized **Celery-based background task execution**, **increasing system efficiency**, ensuring applications are running as expected.

Projects

AI-Powered Job Search Assistant

- Automated job search by integrating **real-time job scraping with Kafka**, **reducing manual effort**.
- Developed an **AI-driven job ranking algorithm**, improving **job-match accuracy**.
- **Generated personalized cover letters and recruiter emails**, boosting **response rates**.
- Created an **ATS-optimized resume generator**, Which aligns with the job description and the skill of candidate.

Achievements & Certifications

- **Finalist - Kavach 2023 Hackathon**, contributed to cybersecurity solutions.
- **Published Research Paper in Explainable AI (XAI)** - IJARSCT.
- **Contributed to Open Source** - HacktoberFest 2022 participant.

Extracurricular Activities

- **Technical Blogging** on DevOps & Cloud - Medium.