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

- Worked on the **Complex Fund Reporting and Fund Admin Financial Reporting Tool**, a **Java Spring Boot microservices** platform, **reducing financial reporting errors by 50%** for SEC, NECN, and NPORT compliance.

- **Automated fund onboarding** with a **Generative AI-powered tool**, decreasing manual configuration time from **5 hours to 30 minutes per fund** (a **90% reduction**).

- Developed a **GenAI-based production issue analysis tool** that analyzes logs and suggests fixes, **accelerating incident resolution by 70%** and reducing downtime.

- **Worked on Optimization of real-time fund reporting** by integrating **Kafka** for event-driven architecture, **cutting report generation time by 60%** and improving system scalability.

- Led deployment enhancements using **Docker, Kubernetes, and CI/CD pipelines**, **reducing deployment failures by 90%** and ensuring 99.9% uptime.

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 40% of manual tasks in **incident management**, reducing **average resolution time .**

- Developed a **real-time fund tracking dashboard** with **Spring Boot and Angular**, improving **fund tracking accuracy by 98%** and integrated a **GEN-AI chat bot** to actively solve queries of the users which was trained on the Whole application.

- Enhanced **CI/CD pipelines with GitLab and Docker**, ensuring **zero-downtime deployments** and minimizing rollback occurrences.

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, **reducing customer support issue resolution time by 50%**.

- Developed **Django REST APIs**, enabling seamless **data retrieval with a 30% improvement in response times**.

- Optimized **Celery-based background task execution**, **increasing system efficiency by 40%**.

Projects

AI-Powered Job Search Assistant

- Automated job search by integrating **real-time job scraping with Kafka**, **reducing manual effort by 70%**.

- Developed an **AI-driven job ranking algorithm**, improving **job-match accuracy by 80%**.

- **Generated personalized cover letters and recruiter emails**, boosting **response rates by 60%**.

- Created an **ATS-optimized resume generator**, Which aligns with the job description and the skill of candidate **increasing resume shortlisting probability by 50%**.

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.