

# Yash Dilip Rajput

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## 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

## Experience

Bank of New York Mellon -  
Analyst Jul 2024 – Present

- **Developed Java Spring Boot microservices** for the Complex Fund Reporting and Fund Admin Financial Reporting Tool, enhancing financial reporting accuracy for SEC, NECN, and NPORT compliance.
- **Implemented a Generative AI-powered tool** to automate fund onboarding, decreasing manual configuration time by 90%.
- **Engineered a GenAI-based production issue analysis tool** to accelerate incident resolution by 70% by analyzing logs and suggesting fixes.
- **Optimized real-time fund reporting** by integrating Kafka for event-driven architecture, reducing report generation time by 60%.
- **Enhanced deployment processes** 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

- **Designed FAST (Fund Admin Support Tool)** automating 40% of manual tasks in incident management, reducing average resolution time by 50%.
- **Developed a real-time fund tracking dashboard** with Spring Boot and Angular, improving fund tracking accuracy by 98% and reducing query latency by 60%.
- **Enhanced CI/CD pipelines** with GitLab and Docker, ensuring zero-downtime deployments.

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

- **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**, aligning with the job description and candidate skills, increasing

resume shortlisting probability by 50%.

## **Skills**

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**Programming Languages:** Java, Python, C++

**Backend Technologies:** Spring Boot, Flask, Django, J2EE, XML, Webservices

**DevOps/Cloud:** AWS (EKS, Lambda, S3), Terraform, Kubernetes, Docker, Continuous Integration

**Databases:** MongoDB, MySQL, PostgreSQL, Cassandra/Solr/NoSQL

## **Achievements & Certifications**

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