

# 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

## Skills

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

**Backend:** Spring Boot, Flask, Django

**DevOps & Cloud:** AWS (EKS, Lambda, S3), Terraform, Kubernetes, Docker

**Databases:** MongoDB, MySQL, PostgreSQL

**Tools:** Git, Kafka, Redis, Prometheus, Grafana

## Experience

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

Bank of New York Mellon -  
Analyst  
Jul 2024 – Present

- Enhanced financial reporting accuracy by 50% for SEC, NECN, and NPORT compliance on a Java Spring Boot microservices platform for Complex Fund Reporting and Fund Admin Financial Reporting Tool.
- Reduced manual fund onboarding time from 5 hours to 30 minutes (90% reduction) by developing a Generative AI-powered automation tool.
- Accelerated incident resolution by 70% and reduced downtime with a GenAI-based production issue analysis tool that analyzes logs and suggests fixes.
- Improved system scalability and cut report generation time by 60% by integrating Kafka for event-driven architecture in real-time fund reporting.
- Reduced deployment failures by 90% and ensured 99.9% uptime by leading deployment enhancements using Docker, Kubernetes, and CI/CD pipelines.

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

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

- Automated 40% of manual tasks in incident management with FAST (Fund Admin Support Tool), reducing average resolution time from 3 hours to 1.5 hours.
- Improved fund tracking accuracy by 98% and reduced query latency by 60% by developing a real-time fund tracking dashboard with Spring Boot and Angular.
- Ensured zero-downtime deployments and minimized rollback occurrences by enhancing CI/CD pipelines with GitLab and Docker.

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

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

- Reduced customer support issue resolution time by 50% by building an AI-powered call analytics tool that

extracted real-time insights from customer conversations.

- Improved data retrieval response times by 30% by developing Django REST APIs.
- Increased system efficiency by 40% by optimizing Celery-based background task execution.

## Projects

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### AI-Powered Job Search Assistant

- Reduced manual effort by 70% by automating job search via real-time job scraping with Kafka.
- Improved job-match accuracy by 80% by developing an AI-driven job ranking algorithm.
- Boosted response rates by 60% by generating personalized cover letters and recruiter emails.
- Increased resume shortlisting probability by 50% by creating an ATS-optimized resume generator aligned with job descriptions and candidate skills.

## 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.

## Extracurricular Activities

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Technical Blogging on DevOps & Cloud - Medium.