

# 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. Seeking to apply expertise in developing and implementing applications to improve the effectiveness and efficiency of Finance business functions at Visa.

## Education

Bachelor of Engineering (B.E.) - Computer Engineering, CGPA: 9.30/10 Pune University, Pune

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

## Experience

Key Skills: Java, Spring Boot, Python, Deployment, Backend, SQL, AI, LangChain, Bank of New York Mellon - Analyst, Jul 2024 – Present  
Git

- Developed Java Spring Boot microservices for Complex Fund Reporting, reducing financial reporting errors by 50% and ensuring SEC, NECN, and NPORT compliance.
- Automated fund onboarding using a Generative AI-powered tool, decreasing manual configuration time by 90%, aligning with efficient application development.
- Implemented a GenAI-based production issue analysis tool, accelerating incident resolution by 70% and reducing downtime, showcasing ability to maintain and enhance applications.
- Optimized real-time fund reporting by integrating Kafka for event-driven architecture, improving system scalability and cutting 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, aligning with design for high scalability and resiliency.

Key Skills: Java, Spring Boot, Spring MVC, REST API, Kafka, Redis, CI/CD, Docker, Bank of New York Mellon - Winter Intern, Jan 2024 – Jun 2024  
GitLab

- Designed FAST (Fund Admin Support Tool), automating 40% of manual tasks in incident management, reducing average resolution time from 3 hours to 1.5 hours.
- 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 and minimizing rollback occurrences.

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

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### 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

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

## Extracurricular Activities

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Technical Blogging on DevOps & Cloud - Medium.