

YASH DILIP RAJPUT

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Summary

Technically proficient and proactive professional with 0.6-1.6 years of experience, seeking a challenging role in Finance Technology at Visa. Expertise in **Java, JavaScript, and J2EE** with proven ability to design, develop, and maintain **scalable and resilient applications**. Eager to apply strong communication skills and a collaborative approach within an **agile environment** to deliver innovative solutions that enhance the effectiveness and efficiency of business functions. Proficient in leveraging emerging technologies to drive organizational advancement.

Education

Bachelor of Engineering (B.E.) - Computer Engineering
Pune University, Pune

2024
CGPA: 9.30/10

Technical Skills

Languages: Java, Python, C++, Go, JavaScript, Shell-Scripting | **Backend:** Spring Boot, Flask, Django, J2EE, Web Services | **Frontend:** React, HTML, CSS | **DevOps-Cloud:** AWS (EKS, Lambda, S3), Terraform, Kubernetes, Docker | **Databases:** MongoDB (NoSQL), Oracle, MySQL (SQL), Cassandra/Solr | **Tools-Others:** Gen AI, Git, Kafka, Redis, Bash, XML, JSON, JUnit, Grafana, Continuous Integration

Work Experience

BNY Mellon - Software Engineer

Jul 2024 – Present

Key Skills: Java, Spring Boot, Python, Backend, SQL, Gen AI, RAG, LangChain, Git, Docker, Kubernetes, Agile

- Engineered scalable **backend infrastructure and REST APIs** using **Java Spring Boot** for **FinTech applications**, improving reporting accuracy by 50%, aligning with Finance Technology objectives.
- Developed **agentic - AI multi-threaded onboarding tools** using Generative AI, significantly reducing fund setup time by 90%, enhancing operational efficiency.
- Built an **AI-powered production issue remediation system** to analyze logs and metadata, accelerating resolution time by 70%, demonstrating proactive problem-solving skills.
- Utilized **CI/CD best practices** with **GitLab, Docker, Kubernetes** for reliable and secure deployments in an **agile environment**, adhering to software development lifecycle standards.
- Collaborated with global teams, including product and business, ensuring solutions met user requirements and regulatory needs, fostering trusted relationships with technology partners.

BNY Mellon - SDE Intern

Jan 2024 – Jun 2024

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

- Developed and maintained **high-performance microservices (FAST)** automating repetitive workflows, improving efficiency for fund support teams.
- Integrated **Kafka** for real-time processing and event-driven architecture, demonstrating experience with modern technology stacks.
- Contributed to a real-time **fund monitoring dashboard with chatbot interface** trained on internal knowledge base, enhancing monitoring capabilities.
- Enhanced **code maintainability and scalability** through Spring Boot optimizations.

Projects

AI-Powered Job Search Assistant

[apply.ai](#) | [GitHub](#)

Technologies: Python, Java, Kafka, React (Frontend), Gen AI/ML, RAG, MongoDB, ATS

- Developed a **distributed Kafka-based job aggregation system** in Python and Java, showcasing skills in backend technologies.
- Designed an AI model to **rank job listings**, increasing user match accuracy by 80%, demonstrating ability to provide solutions for business needs.
- Integrated **personalized cover letter generator** and **resume optimization system**, improving application outcomes.
- Applied best practices in **NoSQL database design**, and **microservice deployment**.

Achievements & Certifications

- Winner of **AI-Hackathon** at BNY Mellon
- Finalist - **Kavach 2023 Hackathon (Government of India)**, contributed to cybersecurity solutions.

Extracurricular Activities

- Technical Blogging on DevOps, Cloud, and Backend systems - [Medium](#).