

Isaac M. Anaaya

Pompton Lakes, NJ 07442 | ianaaya81@gmail.com | (862) 882-9570 | linkedin.com/in/mizzina-anaaya

PROFESSIONAL SUMMARY

Software Developer with 6 years of experience in full-stack development, including 4 years as an Agile Java Developer at Freddie Mac. Proficient in Java and JavaScript ecosystems (Spring Boot, Angular, TypeScript) and experienced across the full SDLC in Agile/Scrum teams: design, implementation, testing, CI/CD, and production monitoring. Hands-on with microservices, containerization (Kubernetes/Docker), SQL/NoSQL data stores, Kafka-driven pipelines, and applied ML/LLM work from a Data Science master's background.

EDUCATION

New Jersey Institute of Technology

Master of Science, Data Science.

Aug 2022

Rutgers University

Bachelor of Arts, Applied Mathematics; Minor: Computer Science.

Dec 2019

Essex County College

Associate of Engineering, Computer Engineering.

Dec 2017

EXPERIENCE

Agile Java Developer II / Production Support Engineer

Dec 2021 – Jul 2025

Freddie Mac

McLean, VA

- Designed and maintained secure Spring Boot microservices and REST APIs deployed on Kubernetes to automate onboarding and internal workflows, reducing manual handoffs and improving operational efficiency.
- Standardized Jenkins-based CI/CD with Bitbucket across SIT/UAT environments; developed Playwright regression suite and JUnit tests with containerized builds, cutting regression testing time by 40% and increasing release confidence.
- Engineered AutoSys job chains for critical batch processing, optimizing schedules and dependencies to reduce SLA breaches by 20%.
- Instrumented service observability in Kubernetes using Kiali to identify performance bottlenecks and improve incident response; led API testing, performed code reviews, and mentored engineers on coding standards and security best practices.

Software Developer

Jul 2020 – Oct 2021

Infosys

Basking Ridge, NJ

- Built Angular platform with responsive UI components (HTML5, CSS, JavaScript, TypeScript) and REST integrations to streamline provider-management workflows and improve UX.
- Developed Java backend components applying object-oriented programming principles; authored complex SQL and Snowflake pipelines to aggregate marketing data for enterprise reporting and analytics, and collaborated with stakeholders to translate requirements into scalable data-processing flows.

PROJECTS

Ghana Mineral Geodata <https://www.zurigeo.com/>

- Developed a geospatial web application for visualizing mineral and geographic data across Ghana.

Surcharge Calculus <https://surcharge-calculus.onrender.com>

- Built a web-based calculator application for computing surcharge values, deployed on Render.

SKILLS

Languages: Java, Python, JavaScript, TypeScript, SQL

Frameworks & Libraries: Spring Boot, Angular, JUnit, GraphQL

Cloud & DevOps: Kubernetes, Docker, Jenkins, CI/CD, AWS, Azure, Maven, Gradle, Tomcat

Data & Messaging: Kafka, RabbitMQ, PostgreSQL, MySQL, Snowflake, GraphQL

Concepts & Practices: Microservices Architecture, REST APIs, Agile/Scrum, SDLC, OOP, Data Structures, LLMs, Generative AI, Technical Documentation