

Anuroop Jajoba

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EDUCATION

University of New Hampshire, MS Information Technology | GPA: 3.63/4.0

Jan 2024 to Jan 2026

TECHNICAL SKILLS

- **Languages:** Java, Python, TypeScript, JavaScript, SQL, GoLang
- **Frameworks & APIs:** Spring Boot, FastAPI, React, Node.js, REST APIs, GraphQL, Microservices, Tailwind CSS
- **Databases:** PostgreSQL, MySQL, MongoDB, Redis, DynamoDB | schema design, query optimization
- **Cloud & DevOps:** AWS (EC2, S3, ECS, RDS, Lambda), Azure, Docker, Kubernetes, GitHub Actions, Jenkins, CI/CD
- **Testing:** JUnit, Mockito, pytest, TDD, unit testing, integration testing, code reviews
- **AI & Tools:** LangGraph, LangChain, Claude API, RAG pipelines, Claude Code, GitHub Copilot, Git, Agile/Scrum

EXPERIENCE

PaySplit, Software Engineer & Co-Founder

Mar 2025 to Present

- Built production **Java Spring Boot** and **Python FastAPI** microservices on **AWS ECS** with **REST APIs**, **PostgreSQL** schema design, **Redis** caching, and **Kafka** event streaming — sustaining 99.9%+ uptime across 500K+ daily financial transactions.
- Wrote **JUnit** and **pytest** test suites across all API layers; owned **GitHub Actions CI/CD** pipeline with **Docker** containerization; leveraged **Claude Code** and **GitHub Copilot** to ship features fast, reducing deployment failures by 30%.
- Integrated **LangGraph** multi-agent AI features with **Claude API** to automate financial workflows; collaborated with product managers in **Agile** sprints and participated in **code reviews** maintaining high standards for code quality.

University of New Hampshire, Research Intern

Sep 2025 to Dec 2025

- Built production **Python FastAPI** backend with **PostgreSQL** schema design, **REST APIs**, and **ChromaDB** RAG pipeline; conducted offline model evaluation using F1, precision, and recall metrics — achieving **91.6% F1 score** across 161 real syllabus documents.
- Deployed to **AWS** via **Jenkins CI/CD** with **Docker** and 100% pipeline uptime; participated in **code reviews** and Agile ceremonies across 6 sprint cycles, communicating progress to non-technical stakeholders.

Infosys, Software Engineer

Aug 2022 to Dec 2023

- Developed and maintained **Java Spring Boot** microservices and **REST APIs** on **AWS** and Azure; designed **PostgreSQL** and MySQL schemas reducing query latency by 40% across 8+ production services processing 500K+ daily records.
- Wrote **JUnit** and **Mockito** unit and integration tests; automated CI/CD with **Jenkins** and **GitHub Actions** with **Docker** containerization, reducing deployment failures by 30% across 8+ production microservices.
- Built **Python** and SQL ETL pipelines processing 100K records daily, reducing manual data overhead by 70% for 15+ engineers; participated in **code reviews** and **Agile** sprint ceremonies following software engineering best practices.

PROJECTS

[ClinicalMind](#)

[GitHub](#) | [Live Demo](#)

- Full-stack production platform with **Java** and **Python FastAPI** microservices, **LangGraph** 7-agent architecture, **PostgreSQL**, **Redis**, **AWS Lambda**, and **React 18 TypeScript** frontend on Vercel. Processed 35M+ records reducing clinical research from days to 60 seconds.

[CodeReview.AI](#)

[GitHub](#)

- AI-powered developer tool with **Python FastAPI** backend, **AWS EC2**, **S3**, **DynamoDB** for session storage, and **TypeScript** VS Code extension. Built with **GitHub Actions CI/CD** and full **pytest** coverage. Adopted by 7 real developers.

[Payment Tracker API](#)

[GitHub](#)

- Secure **Java 17 Spring Boot** REST API with **PostgreSQL** schema design, JWT auth, **GraphQL** support, full **JUnit** and **Mockito** test coverage, React frontend, and **Docker** deployment on **AWS EC2** with automated **CI/CD**.

CERTIFICATIONS

- **Certifications:** AWS Cloud Practitioner (AWS) • Neural Networks and Deep Learning (DeepLearning.AI) • Fundamentals of Building AI Agents (IBM)