

Dejoe John

Full-Stack Engineer · 9+ years · Java · Python · React/TypeScript · AWS

Open to Relocation | (929) 977-9929 | dejoejohn@gmail.com | www.linkedin.com/in/dejoe | www.github.com/dej0e

Education

New Jersey Institute of Technology - MS in Computer Science

May 2025

National Institute of Technology, Surat - B.Tech in Computer Engineering

May 2016

Skills

Languages: Java, Kotlin, Swift, Python, C/C++, C#, JavaScript, HTML/CSS

Cloud Platforms: AWS, Google Cloud Platform, Microsoft Azure

Databases: MongoDB, DynamoDB, SQLite3, PostgreSQL, MySQL

Frameworks: Spring Boot, Django, Flask, FastAPI, Node.js, React, Angular, React Native, Tailwind, RabbitMQ

Developer Tools: Git, Docker, Kubernetes, Jenkins, ArgoCD, Jira, Bitbucket, IntelliJ IDEs, VS Code, Android Studio, Xcode

AI Tools: Claude Code, Cursor, Google Gemini

Experience

Full-Stack Software Engineer, Mentage - Remote

Sept 2025 – Present

- Architected AWS infrastructure for a HIPAA-aligned health-tech MVP using CloudFormation and AWS CDK, establishing system-level compliance safeguards and improving p95 latency from 550ms to 330ms.
- Developed backend services with FastAPI and TypeScript/React frontend, delivering the core product workflow from schema design through UI.
- Designed and implemented the Python scoring pipeline powering the product's primary decision-making workflow, processing assessments in under 150 ms with deterministic, auditable results.
- Built a subscription and payment processing system supporting multiple revenue streams, increasing platform adoption from 5% to 40%.
- Accelerated MVP delivery using AI-assisted development, compressing initial infrastructure and API scaffolding from 5 months to under 30 days.
- **Skills:** AWS, FastAPI, React, TypeScript, HIPAA-Aligned Architecture, Secure System Design

Full-Stack Software Engineer, New Jersey Institute of Technology - Jersey City, NJ

Jun 2024 – Feb 2025

- Partnered with Jersey City Courts to analyze operational workflows and develop scalable backend services in Flask, reducing average server response time by 30%.
- Enhanced legacy Java backend application with new integrations, reducing data processing time by 40% and eliminating manual handoffs.
- Implemented service-worker-based offline support across all high-use features, enabling field agents to work without connectivity.
- Engineered responsive UIs with React, TypeScript, and Tailwind, driving a 65% increase in platform usage.
- **Skills:** Flask, React, TypeScript, Tailwind CSS, Service Workers, REST APIs, CI/CD, Stakeholder Collaboration

Lead Software Engineer, Infrdd - Remote

Oct 2020 – Aug 2023

- Transformed a monolithic legacy system into a high-throughput SaaS platform handling 7M+ requests/day by analyzing existing components and re-architecting them into 10+ microservices; reduced p95 latency from 800ms to 450ms (~44%).
- Boosted document-processing extraction accuracy from 75% to 98% by training domain-specific ML models and building client-specific backend services in Java, Spring Boot, and Python.
- Configured CI/CD pipelines with Helm and ArgoCD, cutting deployment time by 40% and enabling consistent multi-tenant release delivery.
- Served as Tech Lead for 10+ engineers, mentoring on system architecture and engineering standards and reducing onboarding time by 30%.
- Directed cross-functional mobile and full-stack scrum teams to 99% on-time enterprise delivery, protecting \$500K in at-risk client revenue.
- **Skills:** Java, Spring Boot, Python, MongoDB, REST APIs, AWS Lambda, Microservices, ML

Software Engineer, Infrdd - Remote

Sept 2016 – Oct 2020

- Designed and architected MVVM-based mobile applications in Kotlin and Swift for Android and iOS, supporting ~10,000 users for a publicly listed US mortgage firm with ~\$700M in assets.
- Reduced defects by 70% and crashes by 80% by introducing static code analysis and test-driven development, raising coverage to 70% with JUnit and Mockito.
- Improved app usability by 35% and retention by 75% through feature development grounded in user research and market analysis.
- **Skills:** Kotlin, Swift, Java, MVVM, JUnit, Mockito, TDD, Mobile Architecture

Projects

YOGO - Business Event Hosting Platform

juego.juegos

- Developed a full-stack platform enabling businesses and governments to host, manage, and analyze events.
- Built real-time RSVP tracking, analytics dashboards, and access control using AWS AppSync, Cognito, and Lambdas.
- Deployed a fully serverless architecture with DynamoDB and Amplify for scalability and cost-efficiency.

E-commerce Store

github.com/dej0e/EcommerceStore

- Developed a production-ready e-commerce platform with user auth, cart, order history, and Stripe payments.
- Designed secure backend views and session handling; integrated email confirmations and transaction logging.