

Udenna Nebeolisa

FULL-STACK SOFTWARE ENGINEER

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LinkedIn | GitHub | Portfolio

Technical Skills

Languages: JavaScript/TypeScript, Python, Java, Lua, HTML/CSS, SQL
Frontend: React, Next.js, Tailwind CSS, Responsive Design
Backend: Node.js, Spring Boot, Express.js, Flask, FastAPI, RESTful APIs
Databases: PostgreSQL, Supabase, MySQL, MongoDB
Cloud & DevOps: AWS, Vercel, Render, Docker, CI/CD Pipelines, Git/GitHub
Tools: Sanity CMS, Clerk Auth, Salesforce, Zoho CRM, Roblox API, Clover POS API, Yelp API, JUnit, Jest

Professional Summary

Full-stack engineer with 4+ years building production systems at JPMorgan Chase and high-scale applications. Self-taught foundation strengthened through Flatiron bootcamp with rapid skill acquisition (Java, Python, React ecosystem). Specialized in API integrations, backend scalability, and shipping production-ready applications. Currently seeking a full-time role to my problem-solving skills in a collaborative team.

Experience

Contract Software Engineer

May 2023 – Present

Self-Employed

Remote (Houston & The Woodlands, TX)

- Engineered Flask backend API for "It Girl" Roblox game serving 100M+ visits and 10K+ concurrent players, implementing automated rank management system for 50K+ users with 99.5% uptime on Render
- Implemented threaded worker queue to process rank changes every 6 seconds, bypassing Roblox API rate limits with custom CSRF token management and automatic retry logic for failed requests
- Built full-stack restaurant site and ordering platform with integrated Clover POS and real-time inventory management via Sanity CMS; maintained as ongoing client engagement with high satisfaction
- Developed 8+ production web applications for clients across gaming, hospitality, and healthcare using React/Next.js, Python/Flask, Node.js, and PostgreSQL/Supabase
- Deployed applications on AWS, Vercel, and Render with CI/CD pipelines via GitHub Actions, implementing automated testing and deployment workflows

Software Engineer I

Sep 2021 – May 2023

JPMorgan Chase & Co.

Houston, TX

- Contributed to enterprise Order Management System processing high-volume transactions, achieving 90% code coverage through comprehensive JUnit testing
- Collaborated on modernization initiative migrating legacy Spring applications to Spring Boot, improving deployment efficiency and reducing technical debt
- Prototyped Telnet-based Remote Server Control System for production infrastructure monitoring and management
- Mentored 8 new hires on codebase navigation, debugging workflows, and enterprise development best practices
- Volunteered on Force for Good program, optimizing Salesforce and Zoho CRM workflows for 3 nonprofits, reducing manual data entry by 30% through automation

Co-Founding Software Engineer

Jul 2021 – Nov 2021

Stooty (Creative Production Platform)

Remote

- Hired as founding engineer immediately post-bootcamp; built and shipped mobile app MVP to Apple App Store in 2 months using React Native and Firebase, collaborating directly with CEO on product strategy
- Identified Firebase scalability limitations and led migration to custom Ruby on Rails API, improving API response times and reducing monthly infrastructure costs
- Established design-to-code workflow achieving pixel-perfect UI implementation, accelerating feature delivery by 40% and improving designer-developer handoff process

Education

Software Engineering Bootcamp

2021

Flatiron School
capstone

450+ hours: JavaScript, Ruby, React, Ruby on Rails, SQL — 5 portfolio projects +

Notable Projects

Eats 24 - Restaurant Discovery Platform – *Next.js, TypeScript, Supabase, Clerk Auth, Yelp API*

- Built full-stack restaurant discovery application featuring geolocation-based search, advanced filtering (cuisine, price, rating), and social sharing capabilities
- Integrated Yelp Fusion API to fetch real-time restaurant data with rate limit handling and error recovery for 10K+ restaurant listings
- Implemented secure authentication using Clerk with Supabase PostgreSQL backend for user profiles, favorites, and personalized recommendations
- Deployed full-stack application to Vercel with responsive design supporting mobile and desktop experiences (eats-24.vercel.app)

Additional Experience

IT Support & Hardware Technician

2018 – Jan 2021

CSAT Solutions & Field Nation

Houston, TX & Various Locations

- Repaired 25+ MacBooks daily with 95% first-time fix rate using Apple diagnostics; deployed networking solutions including managed switches and WiFi systems across 100+ enterprise sites
- Installed and configured Point-of-Sale systems for 20+ retail clients; performed server hardware replacements, system upgrades, and troubleshooting for enterprise environments