

DELIGHT FELA-STEVE

Backend Engineer | DevOps & Platform Engineering

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PROFESSIONAL SUMMARY

Backend & DevOps Engineer with 4+ years building, scaling, and owning production APIs and backend systems in Python (FastAPI, Django) and TypeScript/JavaScript (NestJS, Express). I take products from architecture to deployment: designing data models, owning CI/CD pipelines, containerizing services, and shipping to AWS and DigitalOcean. Proven track record of cutting deployment time by 50–80%, optimizing performance-critical algorithms by 50%, and integrating payments (Stripe, Paystack, Flutterwave) and LLM-powered features into live products. Comfortable as a founding/lead engineer in lean teams and as a contributor on larger platforms.

CORE SKILLS

Languages: Python, TypeScript, JavaScript, SQL

Backend & APIs: FastAPI, Django, Django REST Framework, NestJS, Express.js, REST APIs, WebSockets

DevOps & Cloud: AWS (EC2, Lambda, S3, CloudFront, ECR), DigitalOcean, Docker, GitHub Actions, CI/CD, Nginx, Semantic Versioning

Databases & Caching: PostgreSQL, MySQL, MongoDB, Redis

Payments & Integrations: Stripe, Paystack, Flutterwave, Third-party API integration

AI & Automation: OpenAI / Gemini APIs, LLM integration, Puppeteer

Practices: System architecture, Database modeling (ERD), Authentication & Authorization (RBAC), Unit testing, Technical documentation

PROFESSIONAL EXPERIENCE

Backend & DevOps Engineer, A1School (Contract) Feb 2025 – Apr 2025

Python · FastAPI · Docker · AWS ECR · PostgreSQL · GitHub Actions

- Played a key role in architecting an e-learning platform (a Nigeria-focused course marketplace), including the database schema and ERD design (PostgreSQL).
- Implemented a Docker containerization strategy and deployed images to AWS ECR for consistent environments across dev and production.
- Built a CI/CD pipeline in GitHub Actions with automated release creation and Python semantic versioning.
- Developed administrative routes for platform management (instructor approval/rejection, moderation) and an email service for OTP and password-reset notifications.

Backend Engineer, Zeeh Africa (Full-time) Apr 2023 – Feb 2024

TypeScript · NestJS · Express · MySQL · MongoDB · Redis · AWS · Docker

- Contributed to architecture and database modeling (MySQL, MongoDB, Redis) for a financial-data-access (open banking / KYC) platform serving B2B and B2C clients.
- Replaced manual SSH-based deployments with automated GitHub Actions + AWS pipelines, improving release velocity across the team.
- Helped lead the migration from Express to NestJS, including the migration of legacy user data, and integrated third-party APIs for core functionality.
- Acted as a technical liaison for enterprise clients, leading demos, troubleshooting API integrations, and supporting onboarding, while writing product user stories, documentation, and internal admin tooling.

Backend Engineer, Pilkings (Contract) Dec 2022 – Apr 2023

JavaScript · Express · AWS Lambda / S3 / CloudFront · WebSockets · MySQL · Redis

- Built authentication, authorization, and core platform logic for a real-time football-prediction gaming application.

- Developed AWS Lambda functions for video conversion and compression, configured CloudFront + signed S3 URLs for secure video delivery, and implemented multiplayer features and real-time notifications using WebSockets.

CONCURRENT ENGAGEMENTS

Lead Backend Engineer, Konectin Inc. (Part-time) Jun 2023 – Aug 2024

Python · FastAPI · GitHub Actions · PostgreSQL · Stripe · LLMs · Puppeteer

- Led backend development for an AI-powered platform that generates tailored resumes and cover letters.
- Re-engineered the deployment strategy with automated CI/CD pipelines via GitHub Actions, reducing deployment time by 50–80%.
- Built the core business logic for integrating Large Language Models (LLMs), and integrated Stripe payments, Google OAuth, and Puppeteer-based PDF generation.

Founding Backend Engineer, Housepal (Part-time) Feb 2023 – May 2025

Python · FastAPI · AWS · GitHub Actions · PostgreSQL · MongoDB · Paystack

- Co-designed and owned the backend architecture of a property-listing platform as a founding engineer, including database models, authentication, Paystack payments, and AWS deployment via GitHub Actions CI/CD.

Backend Engineer, Moto Zero (Contract) Nov 2023 – Feb 2024

Python · FastAPI · PostgreSQL · DigitalOcean

- Built the backend and engineered the core algorithm for a carbon-emission calculation and optimal-route-finding application, optimizing it to reduce processing time by 50%.

EARLIER EXPERIENCE

Backend Engineer (Contract): Risk-Like, IYSI Global Resources, and HNG Internship (Coverly & Zuri Chat).

Delivered authentication, authorization, payment integrations (Flutterwave), real-time socket features, and core backend logic across early-stage gaming, fintech, and chat products using Python, FastAPI, JavaScript, Express, and Django.

EDUCATION

B.Eng. Electrical and Electronics Engineering 2017 – 2023

Federal University of Agriculture, Abeokuta, Nigeria