

Oluseun Oyeleke

Senior Backend Engineer

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[Portfolio](#)

PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 6+ years' experience designing, developing and maintaining scalable applications across fintech, healthcare, AI, and enterprise solutions. Strong expertise in PHP, Laravel, Python, React and API integrations, with recent hands-on experience building AI-powered SaaS tools using OpenAI. Proven track record of delivering robust systems, improving performance and collaborating within agile teams to meet business goals.

CORE SKILLS

Languages & Frameworks:	PHP, Laravel, Python, FastAPI, JavaScript, React, Vue.js, Node.js	Databases:	MySQL, PostgreSQL, MongoDB, SQL Server, Redis
APIs & Integrations:	RESTful APIs, GraphQL, OpenAI API, SendGrid, Stripe, Paystack, Flutterwave	DevOps & Cloud:	Docker, CI/CD, Vercel, Azure, Apache, Nginx, GitHub Actions
Testing & Docs:	PHPUnit, Postman, Swagger/OpenAPI, Pytest	Security & Auth:	HTTPS, JWT, OAuth 2.0, Data Encryption
AI / ML Tooling:	OpenAI GPT-4, Prompt Engineering, PDF/DOCX Processing, ATS Optimisation	Collaboration:	Git, GitHub, GitLab, Bitbucket, Jira, Trello, Agile/Scrum

PROFESSIONAL EXPERIENCE

Full-Stack Developer & AI Engineer Intern NEW Jan 2026 – Feb 2026

AI CV Tailoring Tool — Weeply, United Kingdom

- Designed and built an AI-powered SaaS CV tailoring application from scratch using Python (FastAPI) and React, deployed on Vercel.
- Integrated OpenAI GPT-4 to intelligently analyse CVs and job descriptions, generating ATS-optimised, keyword-aligned tailored CVs in real time.
- Built a Python PDF/DOCX parsing pipeline using pdfplumber and python-docx, with async PDF generation via WeasyPrint.
- Implemented robust email notification system using SendGrid HTTP API with retry logic and async threading.
- Created a responsive React frontend with light/dark mode, multi-step UX, real-time CV preview and download functionality.

- Deployed the full-stack application on Vercel with environment variable management and custom API routing (vercel.json).
- Collaborated on backend and frontend development projects in a fast-paced environment.
- Contributed to codebase improvements and bug fixes.
- Gained hands-on experience with modern development practices and agile workflows.

Skills: Python, FastAPI, React, OpenAI API, SendGrid, WeasyPrint, pdfplumber, Vercel, Docker, Full-Stack Development, Agile, Collaboration, Code Quality

Senior Backend Engineer

Sep 2022 – Dec 2025

Fullware Solutions Limited, Lagos

- Designed and deployed secure RESTful APIs for fintech and e-commerce solutions.
- Integrated multiple payment gateways (Stripe, Paystack, Flutterwave, Interswitch), ensuring seamless transaction flows.
- Improved API performance through query optimisation and caching strategies.
- Established secure HTTPS protocols for client-server communication.
- Mentored junior developers and introduced coding best practices, improving team productivity.

Skills: PHP, Laravel, MySQL, RESTful APIs, Payment Gateway Integrations, Docker, Redis, Git, Postman, Swagger, Agile

Backend Engineer

Sep 2021 – May 2022

Page Financials (Forsterfields & Griffins Technology Ltd), Lagos

- Built and maintained backend services for HRMS Payroll and Fintech in a Box solutions.
- Enhanced application reliability through database optimisation and server-side caching.
- Delivered new features in collaboration with Product Managers within agile sprints.
- Ensured security compliance by implementing regular patches and encryption standards.

Skills: PHP, Laravel, MySQL, API Integrations, Redis, CI/CD, HTTPS, GitLab, Jira

Software Engineer

Jan 2021 – Oct 2021

Software Business Solutions & Consulting (SBSC), Lagos

- Developed robust APIs for enterprise and client-facing applications.
- Supported deployed applications by troubleshooting and resolving end-user issues.
- Wrote complex SQL queries and stored procedures for efficient data retrieval.
- Contributed to cloud-hosted solutions leveraging Azure.

Skills: PHP, Laravel, SQL Server, Azure, Git, Agile, API Documentation, Postman

Software Developer

Mar 2020 – Mar 2021

Cavidel Limited, Lagos

- Developed Officemate HR, Accounting, and Hospital applications, integrating them with secure RESTful APIs.
- Refactored legacy systems into modern architectures, reducing maintenance costs.
- Collaborated with project managers to deliver major features ahead of deadlines.

Skills: PHP, Laravel, MySQL, RESTful APIs, Git, Microservices, Agile/Scrum

Backend Developer

Jan 2019 – Feb 2020

Phosmobile Digital Solutions, Lagos

- Built APIs for loan management and disbursement platforms using Laravel and GraphQL.
- Partnered with frontend developers (Vue.js) to deliver seamless user experiences.
- Designed backend solutions to support secure and efficient e-commerce capabilities.

Skills: PHP, Laravel, GraphQL, MySQL, Vue.js, Git, JWT Authentication

Web Developer Intern

Sep 2018 – Dec 2018

HNG Tech, Lagos

- Assisted in building and maintaining web applications with HTML, CSS, PHP, and Laravel.
- Implemented user requirements into functional prototypes.

Skills: PHP, Laravel, HTML, CSS, JavaScript, Git

EDUCATION

B.Sc. Industrial Chemistry — Obafemi Awolowo University, Ile-Ife, Nigeria — Aug 2017

NOTABLE PROJECTS

AI CV Tailoring Tool (2026, UK) NEW: Full-stack AI SaaS tool (Python FastAPI + React + OpenAI) — ai-cv-tailoring-tool-89cy.vercel.app

Volunteer Africa (2023): Program and content platform built with PHP/CakePHP — volunteer.africa

BulkSMSLive (2022): Bulk SMS platform and API workflows built with Laravel/PHP — bulksmslive.com

Inventory System (2022): Internal stock and operations system — 66.70.202.147/inventory/#/

Page Financials (2021–2022): Backend services for payroll and HRMS platform — pagefinancials.com

Alumunite (2025): Education/alumni platform with private backend repository — [alumunite.co · team-alumunite \(private\)](https://alumunite.co/team-alumunite/private)

Nwantas / Erudite School System (2025): School management platform with private account/core services — nwantas.com · [account service](#) · [core service](#)

StagingDC (2023): Full-stack architecture and DB schema implementation — stagingdc.com

Craneburg ERP (2021): Payroll, HR and operations APIs delivered ahead of schedule — craneburg.vercel.app

Open-Source and Public GitHub Projects: KPI, Law CRM, Wallet System and Blog RSS — github.com/Oluwablin