

# OLUWASEGUN OLOYEDE

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## PROFESSIONAL SUMMARY

Results-driven Software Engineer with 5+ years of experience designing, developing, and scaling high-performance systems. Proficient in Python ( Django, FastAPI), PostgreSQL, and Cloud Operations, with a proven track record of delivering secure, scalable, and cloud solutions. Passionate about leveraging technology to solve complex problems and drive business growth. Adept at collaborating with cross-functional teams in Agile environments to deliver innovative solutions..

## TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, JavaScript
- **Frameworks & Libraries:** Flask, Django, FastAPI, Next.js
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Cloud Platforms:** Microsoft Azure, AWS, Google Cloud Platform (GCP) DigitalOcean
- **DevOps Tools:** Docker, Kubernetes, CI/CD pipelines, Terraform
- **APIs:** RESTful API design, OpenAPI/Swagger
- **Version Control:** Git, GitHub, GitLab
- **Other Tools:** Postman, Jira, Confluence
- **AI & LLM Tools:** RAG Pipeline, Agentic AI Workflow, Prompt Engineering, LangChain, LangGraph.
- **Vector Databases:** Qdrant, Pinecone, Weaviate, FAISS.

## PROFESSIONAL EXPERIENCE

### Ryghtrade Investment Limited

#### **Lead Backend Engineer (Remote) | March 2024 – Present**

- Spearheaded backend operations, achieving 99.9% uptime for critical services by optimizing system scalability and reliability.
- Engineered secure data exchanges with third-party financial services, improving API efficiency by 25% and reducing latency by 40%.
- Led the development of a USSD-based lending platform, servicing federal government workers and reducing loan processing time by 20%.
- Collaborated with partners (Remita, Africa's Talking, Monify, WEMA Bank, VFD Bank) to integrate VPN and secure transaction systems, enhancing business growth

### Liberty Assured Limited

#### **Senior Backend Engineer (Full-Time) | May 2021 – June 2024**

- Developed a loan application system, improving loan disbursement speed by 20% through optimized backend operations.
- Designed and deployed 200+ RESTful APIs, enhancing data exchange and system reliability for internal and external stakeholders.
- Built a POS-based loan service system, increasing transaction efficiency by 25% and reducing errors by 15%.
- Engineered a web application for loan reconciliation, reducing manual processing time by 30%.

**GetLinked.ai (HRTech)** [GetLinked.ai](#)

**Backend Engineer (Remote) | February 2023 – December 2023**

- Contributed to the development of an AI-powered recruitment platform, automating candidate evaluation and shortlisting.
- Integrated NLP models for resume analysis, improving candidate-job matching accuracy by 35%.
- Designed API workflows to streamline recruitment decisions, reducing HR processing time by 20%.

## EDUCATION & CERTIFICATIONS

- **(HND) in Computer Science | Yaba College of Technology | March 2017** [Yabatech](#)
- **Data Science and Backend Web Development | January 2021 – April 2021** [univelocity](#)
- **Basics of Kubernetes using Docker | July 4th 2025** [Alison](#)
- **Diploma in AWS Solutions Architect - Associate** [Alison in view](#)
- **Full-Stack Generative and Agentic AI Development – Udemy (In Progress, 2025)** *Building intelligent LLM-powered applications using LangChain, OpenAI API, and Agentic AI workflows integrated with Python and FastAPI.*

## PROJECTS

**LibertyPay (POS & Mobile App)** [Libertypay](#)

- Designed a financial application for expense tracking, savings, and payments, reducing transaction failures by 15%.
- Engineered backend systems for money transfers, loan services, and bill payments, improving user satisfaction by 25%.

**Paybox360 (Financial Management)** [Paybox360](#)

- Developed a spend management platform with real-time expense tracking and budgeting tools, increasing user engagement by 30%.
- Implemented seamless transaction capabilities, improving accessibility and user experience.

**WhisperSMS (Marketing Platform)** [WhisperSMS](#)

- Built a scalable bulk SMS platform with personalized messaging and recipient segmentation, improving campaign success rates by 20%.
- Integrated advanced analytics tools to enhance communication strategies and reporting.

**GetLinked.ai(HR Tech)** [Getlinked](#)

- Designed and implemented a comprehensive recruitment pipeline that enabled recruiters to evaluate, rank, and select candidates seamlessly based on tailored job criteria. Leveraged OpenAI-powered NLP models to automate candidate shortlisting and decision-making, reducing manual effort by 40% and streamlining the hiring process.