Adeniyi Olaitan

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Portfolio: **https://deniyi.dev** , LinkedIn: **Deniyiola**

Github: **https://github.com/hectorGitt**

EDUCATION & QUALIFICATIONS

Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria   **2025**
B.Sc Engineering

Udacity   **2022**
ALX-T Full Stack Developer Nanodegree Program

WORK EXPERIENCE

PEEPALYTICS, AI
FULLSTACK DEVOPS ENGINEER (CTO)   **JUNE 2024**
- Orchestrated API Workflow and Specification using Django and FastAPI
- Supported development of Frontend Controller logic for Network and Data Visualization (NextJS)
- Developed a Rag Implementation using Vector Database
- Database Management (Postgres, Neo4j, Vector DB, Timeseries DB)
- Managed Deployment using Docker, Render and AWS Services (Lambda, API Gateway, EC2, ECR, ELB, S3, Bedrock, Sagemaker, Cloudwatch etc)
- AI Bot Development for social platforms like Slack and WhatsApp.
- Development of ETL implementation for MCP (Model Context Protocol).

FOREON NETWORK, WEB3   **March 2023**
- Converted designs and wireframes into interactive, user-friendly web interfaces.
- Ensured layouts adapt seamlessly across different screen sizes and devices.
- Enhanced page speed and responsiveness by implementing best performance practices.
- Ensured the application works smoothly on major browsers (Chrome, Firefox, Safari, etc.).
- Built reusable and modular UI components for scalability and maintainability.

TRIBINNOV AFRICA.
SOFTWARE ENGINEER   **Nov 2021**
- Development of a global platform called Datinnov.
- Development and maintenance of a web application created with React, React-redux and SCSS.
- Collaborated with Product Managers, UX/UI Designers, and other engineers to develop new features for both consumer-facing and client-facing products.
- Wrote clean, maintainable, and well-tested code, ensuring platform stability now and more easily expanding the product in the future using JavaScript frontend framework React.

SKILLS

Backend Development: Django, FastAPI, API Workflow & Specification, **Frontend Development:** React, Next.js, JavaScript, SCSS, **Database Management:** PostgreSQL, Neo4j, Vector DB, Time-series DB
AI & ML Implementation: RAG (Retrieval-Augmented Generation), Vector Database, AWS Bedrock, SageMaker
DevOps & Cloud Services: Render, Docker, AWS (Lambda, API Gateway, EC2, ECR, ELB, S3, CloudWatch), **ETL & Data Processing:** Model Context Protocol (MCP), **AI Bot Development:** Slack, WhatsApp, **Web3 & Blockchain:** UI/UX for decentralized platforms, **Performance Optimization:** Frontend Performance, Responsive Design, Cross-Browser Compatibility, **Version Control & CI/CD:** Git, GitHub

Soft Skills: Problem-Solving & Critical Thinking, Collaboration & Teamwork, Project Management, Effective Communication with Product & Design Teams, Scalability & Maintainability Best Practices.