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Location: Surulere

PROFESSIONAL SUMMARY

A Full-Stack Developer and ML Engineer with a solid track record in designing, developing, and optimizing AI-driven web applications. Skilled in both backend and frontend development, website security, and performance optimization. Adept at leveraging Agile/Scrum methodologies to deliver high-quality projects efficiently. Passionate about system integration, automation, and creating innovative digital solutions. Seeking to contribute my expertise in a dynamic environment that values technological advancement and impactful digital transformations.

WORK EXPERIENCE

ML Engineer and Full-Stack Developer

EqualyzAI - Lagos

August 2023 - Current

- Designed, developed, and maintained scalable backend services and APIs, ensuring high performance and reliability.
- Built the UI/UX and Led the architecture and development of AI-driven web applications, including uLearn, a platform for personalized and localized educational content.
- Optimized backend performance, reducing latency and enhancing database efficiency (PostgreSQL, MySQL, MongoDB).
- Integrated third-party APIs and microservices to enhance system capabilities and ensure seamless interactions.
- Applied best practices for backend security, reducing vulnerabilities by 80% through secure coding, encryption, and role-based access control.
- Collaborated with cross-functional teams to align backend development with product goals, improving system scalability and user experience.
- Provided technical leadership, mentoring junior developers, and conducting internal training sessions on platform architecture and development best practices.

Fullstack Developer and AI Researcher

Data Science Nigeria - Lagos

January 2023 - July 2023

- Developed and maintained web applications using React, Next.js, Node.js, PostgreSQL, and MongoDB.
- Built RESTful APIs, ensuring efficient data exchange between frontend and backend systems.
- Designed and optimized database structures for improved performance and scalability.
- Implemented authentication and role-based access control (RBAC) to enhance application security.
- Troubleshoot and resolved backend issues and performance bottlenecks, ensuring system stability and reliability.
- Worked closely with designers and frontend developers to deliver seamless full-stack integrations.
- Automated deployment and testing processes, streamlining software releases and improving development efficiency.

Few Links to Projects Built

<https://ulearnv2.vercel.app/>

<https://ulearnv2.vercel.app/teacher/dashboard>

<https://dsncert.netlify.app/>

<https://dataversemedia.com/>

<https://dataversedashboard.vercel.app/login>

<https://dataversedashboard.vercel.app/dashboard>

EDUCATION

- University of Lagos

June 2015 - November 2021

Course: BSc. Metallurgical and Materials Engineering

CERTIFICATIONS

- **ALX Africa** (2023 - 2024)

Lagos, Nigeria

Course: Diploma in Software Engineering, Frontend Track

- **ALX Africa** (2023 - 2024)

Lagos, Nigeria

Course: Diploma in Software Engineering, Backend Track

- **Omdena (2022)**

Course: Certificate of Completion in Using Computer Vision to Detect Illegal Sea Immigration

- **Data Science Nigeria (2021 - 2022)**

Course: Certificate of Completion in AI for Absolute Beginners

- **DataCamp (2023)**

Course: Statement of Accomplishment in Advance Deep Learning with Keras

AWARDS & RECOGNITION

- **Project Ownership Award, Data Science Nigeria (2023)**

Recognized for taking full ownership of the uLearn platform, a project that was successfully showcased at GITEX Africa Morocco 2024.

- **Most Resourceful Staff, Data Science Nigeria (2024)**

Awarded for consistently demonstrating innovation, resourcefulness, and leadership in multiple high-impact projects.

- **Project Management**

EqualyzAI | 2024 - Present

- Led the development of a task management platform reducing development cost by 50% and operational costs by 25%.

SKILLS

- Proficient in **Python, JavaScript (ES6+), Dart, and C**
- **Pytorch, Tensorflow, ML Research, Natural Language Processing**
- **Deep Learning:** Expertise in CNNs, RNNs, transformers, and generative models for various applications
- Langchain, and Llamaindex

Web Development:

- **Frontend:** ReactJS (including Redux & Context API), NextJS, HTML, CSS, TailwindCSS
- **Backend:** NodeJS, Express.js, FastAPI, Flask

Database Management:

- **SQL:** PostgreSQL, MySQL
- **NoSQL:** MongoDB

Cloud & DevOps:

- **Cloud Platforms:** AWS, and Azure
- **DevOps Tools:** Docker, CI/CD Pipelines

Security & API Development:

- RESTful APIs, GraphQL
- Authentication & Authorization (OAuth, JWT)

Soft Skills:

- Strong **leadership, problem-solving, and teamwork** abilities
- Excellent **communication and collaboration** skill

VOLUNTEERING & COMMUNITY SERVICE

Microsoft Azure

Volunteer Trainer

Ikoyi Lagos | 2023

- Volunteered as a trainer and collaborated with fellow trainers to deliver foundational Microsoft Azure skills to over 150 learners

Data Science Community

Macro Tutor

Lagos, Nigeria | 2022 - 2023

- Actively involved in training young learners between the age of 8-16 in AI and web development.

PUBLICATIONS

- "Contextual Evaluation of LLM's Performance on Primary Education Science Learning Contents in the Yoruba Language"

ICLR 2024 Workshop AfricanLP | 2024

- "Geo Visualization of Road Accident and Traffic Congestion Hotspots for Real Time Traffic Optimization, Mobility Planning, and Commuters' Safety Using Traffic Reported Social Media Posts"

ICAIR | 2023