

SHARAFDEEN QUADRI.O.

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SUMMARY

Dynamic Full-Stack Software Engineer with proven expertise in Python, JavaScript, and modern frameworks for building robust, scalable applications. Passionate about clean architecture, automation, and data-driven development. Experienced in designing efficient APIs, managing databases, and deploying production-ready solutions. Combines strong technical acumen with Agile collaboration and problem solving skills to deliver impactful digital products that drive business success.

WORK EXPERIENCE

N-TECH Info Systems

Web Full-stack Instructor /Tech-hub Manager

Osogbo, Osun State

2024 – till present...

- Designed, scheduled, and delivered custom training programs for professional and institutional clients.
- Supervised students on end-to-end software projects, from coding to deployment, fostering a project-based learning environment.
- Managed the tech hub from inception, growing student registration to over 70 active learners across multiple tech disciplines.
- Delivered hands-on instruction in Full Stack Web Development using HTML, CSS, JavaScript, Python, Flask, Django, and FastAPI.
- Taught core and advanced Python programming, covering object-oriented design, API development, and real-world problem-solving.
- Guided students in building and deploying RESTful APIs using FastAPI and Django REST Framework (DRF).
- Provided comprehensive training in database design and management with PostgreSQL, MySQL, and SQLite, including ORM implementation in Django.
- Organized two cohorts of a Virtual Assistant training class with 44 registered participants in total.
- Oversaw scholarships, digital skill programs, and partnership strategies with academic and corporate bodies.

ICTinSchool Project

ICT Instructor at Mabest College, Akure

Akure, Ondo State

2023 – oct,2024

- Managed Akure branch operations, overseeing school faculty and AI curriculum delivery.
- Trained secondary school students in **AI and full-stack development** using Python, HTML/CSS, and JavaScript.
- Conducted regular **training for teaching staff on school management software** for digital reporting and scheduling.
- Supervised trainers and provided coaching for continuous improvement.

Bincom Dev Center

Junior Software Developer (Remote)

Yaba, Lagos State

Nov, 2023 – Jan, 2025

- Member of the Python Team, contributing to numerous projects
- Developed APIs for a web projects
- Collaborated with a project manager and front-end developer to deliver projects milestones
- Utilized Python for Data Science tasks and developed skills in data analysis and visualization
- Learned to work Collaboratively with teammates using Gitlab and Dev server, implementing version control and agile development methodologies

Medmina College

Tutor/ IT support

Ibadan, Oyo State

Oct, 2019 – March, 2023

- Taught Literature in English and supported English Language instruction, helping students improve comprehension, critical analysis, and expressive writing skills.
- Guided students through the study of literary texts, themes, figures of speech, and examination-focused interpretations, improving academic performance.
- Actively contributed as a core member of the ICT team, providing technical support across classrooms and staff offices.
- Assisted in the delivery of programming and digital skills classes, strengthening students' digital literacy alongside language learning.
- Leveraged a diploma in Software Engineering to integrate technology into teaching, supporting curriculum enhancement and interactive learning.

Dimeji Premier College

Tutor/ IT support

Akure, Ondo State

2017 – Dec, 2017

- Taught Literature in English, English Language, and Government, with emphasis on literary appreciation, grammar, essay writing, and oral communication.
- Helped students develop reading confidence, vocabulary, and critical thinking skills through guided discussions and text analysis.
- Prepared students for internal and external examinations using structured lesson plans and student-centered teaching methods.
- Maintained a supportive classroom environment that encouraged participation, clarity of expression, and academic discipline.

PROJECTS

Preptutor – Learning Management System (Odoo, Python, XML, JavaScript, PostgreSQL)

 [Live Demo](#)

Developed an Odoo-based e-learning and assessment platform that streamlines teaching and learning management processes.

- Customized and extended **Odoo modules** for course creation, student enrollment, and instructor dashboards.

- Built **custom Python models and business logic** for automated grading, performance tracking, and user management.
- Designed **interactive front-end views** using Odoo's XML templates and JavaScript for enhanced user experience.
- Implemented **role-based access control** and integrated **email notifications** for course updates and reminders.
- Integrated Payment Methods

ExamGenius — Learning Management System (FastAPI, React.js, PostgreSQL)

 [Live Demo](#)

 [Documentation](#)

Developed a full-stack AI-driven exam preparation platform that helps Nigerian students master JAMB entrance examinations through intelligent tutoring, adaptive practice, and real-time performance analytics.

- Architected a FastAPI + PostgreSQL backend with JWT authentication, role-based access control, and a RESTful API serving 30+ endpoints across learning, CBT, analytics, and admin modules.
- Integrated DeepSeek V3 AI (via OpenRouter) to power a real-time AI tutor, generate personalized lesson content in English and Pidgin, and deliver context-aware explanations per topic.
- Built a full CBT simulation engine with a 26,500+ question bank spanning 18 JAMB subjects and 15 years (2010–2024), complete with timed sessions, instant feedback, and detailed result breakdowns.
- Designed a guided learning system with subject syllabuses, subtopic objectives, and post-lesson practice quizzes — guaranteeing a minimum of 20 questions per topic via intelligent fallback mapping.
- Implemented adaptive performance analytics tracking accuracy, streaks, strengths/weaknesses, and recommended topics per student using batched SQL queries and background task processing.
- Deployed on AWS EC2 (Ubuntu) with Nginx reverse proxy, systemd process management, and AWS RDS PostgreSQL — achieving sub-second API response times through query optimization and connection pooling.

Autojobserve – Automated Job Scraping Platform (FastAPI, Selenium, OAuth2, Pydocx)

 [GitHub Repo](#)

Engineered a backend service for aggregating job postings from multiple job boards into a unified API.

- Designed and built **REST API endpoints** using **FastAPI** for efficient job data retrieval and delivery.
- Automated job collection workflows with **Selenium**, ensuring continuous and up-to-date listings.

- Integrated **OAuth2 authentication** and automated **resume scanning** via **Pydocx** for personalized job recommendations.

SmartCV – AI-Powered Resume Builder *(FastAPI, React, PostgreSQL, Tailwind CSS, Docker)*

[🔗 Live Demo](#) | [📄 GitHub Repo](#)

Developed a full-stack AI-powered CV builder that allows users to create professional resumes with intelligent content suggestions, real-time validation, and instant PDF generation.

- Engineered a **FastAPI backend** integrated with **GPT-based AI** for smart resume content recommendations.
- Built a **React frontend** with a sleek dark theme, responsive design, and live CV preview functionality.
- Implemented **secure authentication**, analytics dashboard, and **premium subscription features** with Stripe integration.
- Deployed using **Docker**, **Redis**, and **Vercel**, ensuring scalable performance and smooth user experience.

EDUCATION

AltSchool Africa

Diploma, Software Engineering (Distinction)

Lagos, Nigeria

September, 2023

Fountain University

Political Science and Public Administration
BSc (Second Class Division)

Osogbo, Nigeria

September, 2016

Khadob Model College

O'level

Akure, Nigeria

2012

COURSES AND TRAINING

AltSchool Africa School of Engineering

Diploma in Software Engineering *(Distinction)*

2023

Bincom Academy Data Science certification

2023

SHE Hacks Africa Full-stack Web Development

2018

Django Full Course

Udemy

2023

SKILLS

Working knowledge of Python, JavaScript, HTML, CSS, and SQL

Experience with web frameworks (Django, Flask, FastAPI, React)

Experience with APIs, automation, and deployment tools