OLADITI, Adewale John – Junior Software Engineer

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PERSONAL SUMMARY

I'm a result driven Software Engineer with expertise in developing scalable software applications with Django, Django REST Framework, Flutter and React. My experience spans backend development, API integration with frontend, and embedding Machine Learning model into Backend Logics. I have worked on diverse projects on healthcare system, education tech solution, management solutions and payment integrations. With a strong focus on clean code and performance optimization, I also explore areas like 3D web design with three.js and handwriting recognition and examination grading using Artificial Intelligence. I thrive in solving complex challenges and delivering user-centered solutions that drive business value.

EDUCATION

B.Sc. Software Engineering

First Technical University, Ibadan, Oyo State.

December, 2019 – August 2023.

CGPA: 4.70

SKILLS

- ❖ Python for General Programming and AI
- ❖ JavaScript for General Programming
- ❖ Django/Django REST Framework
- ❖ React/React Next.js
- ❖ MySQL and PostgreSQL
- ❖ Flutter for Android Application

CERTIFICATIONS

- ❖ Google Developer Student Club – Web Lead
- ❖ Nigeria Association of Computing Students
- ❖ Nigeria Content Development and Monitoring Board Certification

PROJECTS

- ❖ EduTech Solution for Virtual classroom and examination (Nkowe): https://nkowe.vercel.app/index
- ❖ Intelligent Essay Exam Grading System (IGradePro)
- ❖ Electronics Ecommerce Solution (Elektroniks): https://elektroniks.vercel.app/
- ❖ Personal Privacy Protection on Social media (SMPP): https://smpp-frontend.vercel.app/login
- ❖ GreenPurse (Agro Supply Chain Management Solution): https://github.com/Wizard-Fingerz/GreenPurse
- ❖ Polling System Application (Wiz Poll): https://github.com/Wizard-Fingerz/WizPoll
- ❖ Stereo App (Wiz Band): https://github.com/Wizard-Fingerz/WizBand
- ❖ SQL Injection Detector and Blocker for Vulnerability Assessment (Vulas)
- ❖ Estate Customer Follow-ups Management System: https://github.com/Wizard-Fingerz/Estate-crm
- ❖ Hostel Room Complaint Management System
- ❖ SDLC Prediction Solution and Project Management Solution (AI-Score)
- ❖ Vulnerability Detector for Desktop (CHREMO): https://github.com/Wizard-Fingerz/ThreatPrediction

WORK EXPERIENCE
Full Stack Developer.

Xpress Access Data Solutions, Lagos, Nigeria   **May, 2024 – Till date**

- ❖ Responsible for developing and maintaining key modules of a hospital management system including visit tracking, appointment tracking, and consultation.
- ❖ Built APIs to handle patient services, automate billing based on visits, and integrate payment systems like Paystack.
- ❖ Developed bulk data handling features, such as uploading insurance data via CSV/Excel, and created endpoints for managing patient services.
- ❖ Developed System for managing and sending customized emails for appointments, inventory requests, and hospital staff employment.
- ❖ Created functionalities for managing supplier data, processing purchase orders, and tracking inventory entries using Django and React.
- ❖ Optimized paginated API responses for faster data retrieval and ensured a seamless user experience by integrating modals and dropdown menus for supplier selection and inventory updates.
- ❖ Focused on performance optimization and improving the overall efficiency of the system.

Full Stack Developer.

World Wide Web 2geda Technology Limited, Ile-Ife, Osun State   **July, 2023 – December, 2023**

- ❖ Developed 500+ responsive mobile application interfaces with flutter within short and tight deadlines.

- ❖ Designed custom interfaces and components for 500+ screens with flutter.

- ❖ Lead and managed development team with the development of the mobile app solution.

- ❖ Deployed Mobile applications to Google Play store and performed rigorous Internal Testing.

- ❖ Participate in brainstorming and idea generation meetings with project managers, developers and executive officers

- ❖ Resolved code conflicts and tracked development processes.

- ❖ Interviewed, assess and recommend competent candidates for project development.

- ❖ Managed solution codebase and project progresses on GitHub.

- ❖ Developed backend logic and Rest API for solution using Django and Django rest framework

- ❖ Integrated Machine learning algorithms for recommendation functionalities into solution.

- ❖ Deployed Backend logic on AWS and Digital Ocean and wrote API documentations with Postman.

- ❖ Designed and developed responsive PostgreSQL database for solution.

- ❖ Designed and developed front end web interfaces for administrators.

- ❖ Provided technical advice and weigh-ins on technical decisions that impacted solution quality, cross-team functionality and company's outcome.

Software Engineering Intern

First Technical University - ICT Department, Ibadan, Oyo State.   **May, 2022 – December, 2022**

- ❖ Designed and developed 3 solutions both for personals and institutional solutions.

- ❖ Learnt and mastered backend development with Django and Django-rest framework.

❖ Collaborated with teams and final year project students on software design and development.

Voluntary UI/UX Designer

Continus - Semaver, Inc. Ikeja, Lagos State   **June, 2022 – January, 2022**

❖ Designed 2 solutions with 60+ responsive interfaces using Figma.

❖ Collaborated with developers and participated in virtual meetings.

Freelance Software Full Developer

WizCode Information Technology Institute, Oyo State.   **January, 2020 – Till date**

❖ Developed Software for different solutions like Wiz Poll, Nkowe, Wiz Band and others.
❖ Played a pivotal role in developing an intelligent grading system aimed at automating the evaluation of exam scripts.
❖ Leveraging Django, React, and Google Vision AI, I implemented handwriting recognition to assist in grading handwritten answer sheets.
❖ Developed functionalities for creating and managing exams with nested questions, supporting both required and optional questions, and calculating total marks dynamically.
❖ Responsible for building and enhancing an education technology platform that facilitated online learning and assessment.
❖ Implemented key features such as student management, exam creation, and grading automation using Django REST Framework.
❖ Focused on ensuring seamless user experiences for students and examiners, incorporating real-time validation for optional questions and automated total mark calculations.
❖ Designed solutions for handling course content, managing exam types, and ensuring data integrity across the system.
❖ Engaged in training and mentorship programs in web development technology.
❖ Engaged in team projects with other freelance developers.
❖ Engaged in consultation and brain storming with experts from other fields of science on innovative projects.

Referrals

Dr. J.E.T. Akinsola

Cyber Security and Artificial Intelligence Expert

+234819524692, +2348171861859

Dr. O. Abimbola

Software Developer and Data Scientist

+2348084697143, +44769947795