ADEKUNLE JAMES ADENIJI
FULL STACK SOFTWARE ENGINEER

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CAREER SUMMARY

Experienced Software Engineer with 5+ years of building robust, scalable microservice architectures for both governmental and non-governmental organisations. Proficient in test-driven development, RESTful APIs, Agile methodologies, and modern web development tools. Collaborated with a team that deployed solutions for over a hundred thousand users. Excited to join and contribute to the team of talented software engineers on impactful projects.

TECHNICAL SKILLS

- **Programming Languages:** HTML, CSS, SCSS, Bootstrap, Tailwind, Javascript (Typescript, VueJs and React), PHP (Laravel, WordPress & No Framework PHP), C# and Python.
- **Machine Learning Framework:** TensorFlow, Keras, Scikit-Learn, Pytorch.
- **Robotics Software:** Robot Operating System (ROS), OpenCV, Gazebo.
- **Database:** SQL (MySQL, MSSQL, PostgreSQL) and NoSQL (Mongo DB, Firebase).
- **Cloud/Hosting Tools:** AWS, Azure, IIS, LAMP.
- **Automation Tools:** PLC Programming.
- **Operating System:** Windows, Linux.
- **Hardware Platform:** Arduino, Raspberry Pi.
- **Other tools:** Git, Github, Docker, Kubernetes, Jenkins (CI/CD Pipelines), JIRA, VS Code, Unity, Robot Studio, slack, teams, team viewer.

EDUCATION

M.sc Robotics and Automation   **Jan 2023 - May 2024**
University of Salford - Salford, Manchester, United Kingdom.
- Graduated with distinction.
- Area of Specialization: Machine Learning & Artificial Intelligence.
- Project on Automatic Occupancy Grid Map Rectification using Machine Learning.
- Project on Real World 3D Game using C#.
- Autonomous Robot Navigation using Java and Pioneer Robot P3-DX.

B.Eng Computer Engineering   **Sept 2012 - July 2019**
Ekiti State University, Nigeria - Ekiti State
- Second-best graduating student in the Department of Computer Engineering with a CGPA of 4.15 out of 5.0 (Second Class Upper).
- Developed Web and Mobile Applications for the University.
- Served as the General Secretary for Nigerian Universities Engineering Students' Association, EKSU Chapter

PROFESSIONAL EXPERIENCE

Software Engineer – Remote/Volunteer
April 2024 – Till Date/ Off the Curriculum, United Kingdom
- Developed a membership website for students to connect with teachers for guidance in weak subjects using React and Firebase.
- Developed intuitive user interfaces to ensure a seamless user experience for students and teachers.
- Contributed to the project's codebase by writing clean and scalable code.
- Contributed to the team members to gather requirements and deliver features on time.

Senior Software Engineer - Hybrid
Aug 2019 – Till Date/ Ekiti State University, Nigeria
- Developed robust Edu-portal software and computer-based exam software using cutting-edge technologies like PHP (Laravel and no framework), Python, Ajax, SQL, React, and AWS.

- Implemented REST APIs for integration with internal and external systems.
- Scaled portal to handle 30,000+ students while optimising performance.

Assistant Lecturer - Physical

Jan 2022 – Till Date/ Ekiti State University, Nigeria

- Taught programming courses in C, Python, AI, and robotics to university students.
- Guided student projects, graded assignments and papers.

Senior Software Engineer - Hybrid

Mar 2020 – Jan 2021 / Bamidele Olumilua University of Education, Science & Tech. Nigeria

As a result of the mind-blowing performance showcase at Ekiti State University, Bamidele Olumilua University of Education, Science and Technology entered into a contract agreement to help replicate this great performance in the institution.

• Designed the first-ever robust University Portal for the university.

• Developed a computer-based software for assessing students' performance.

• Created a hostel & accommodation management module for the university.

Senior Software Engineer – Hybrid

April 2022 – Nov 2022/ Pandal Giant Developers Ltd

I was hired on a contract to lead the software developer team to build an in-house e-learning solution that the federal government of Nigeria powered.

- Built e-learning solution software for two institutions RUGIPO (Rufus Giwa Polytechnic), and OAUSTECH (Olusegun Agagu University of Science and Technology).
- Contributed to the code base by writing clean and scalable code.

CEO/Full Stack Software Engineer – Hybrid

June 2018 – Till Date/ Best Way Telecommunication Company Nigeria

- Built digital solution software for different educational institutions like COEIKERE (College of Education, Ikere Ekiti).
- Developed news and information website and Android app using WordPress, and Java for Wazobia Reporters, Our People's FM, and The World Periscope.

OTHER PROJECTS

- E-commerce Web App: designed and developed from scratch using PHP, MySQL, and Flutterwave payment gateway.
- Real-World Game (Rescue from City Dragon): designed and developed using C# and Unity IDE.
- News Mobile App: designed and developed using Java and Android Studio IDE.
- Autonomous robot navigation using hand gestures: collaborated with an Msc project student to program a pioneer robot using Machine Learning.

ACCOMPLISHMENTS

- Award for an outstanding achievement presented by the management of Ekiti State University for developing a robust university portal management system - published on The Sun Newspaper – Nov 2020 https://www.sunnewsonline.com/ekiti-varsity-honours-alumni-corp-members-for-developing-portal/

INTERESTS

Programming, Mobile Robots, Deep Learning & Machine Learning, Artificial Intelligence, Reading.

LANGUAGES

English (Fluent)

CERTIFICATION

- Udemy
- Udacity
- LinkedIn