AMMAN ABUA

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SOFTWARE ENGINEER

AWS Certified Software Engineer with 2 years of professional and 2 years of freelance experience contributing to the development of innovative projects in the Fitness and Mental Health, Lifestyle, and Retail sectors. Solution-focused individual with a strong grip and experience of both frontend and backend technologies following Agile methodologies along with impeccable interpersonal skills seamlessly interfacing among teams, stakeholders, and clients. Skilled in developing user-friendly responsive UI using React, NextJS, Tailwind CSS, and Material UI, and developing robust and scalable backend systems utilizing API design with Nodejs, Express, MongoDB, Java, and Spring Boot.

EDUCATION

Master of Science in Computer Science, Maharishi International University, Fairfield, Iowa, USA.
(In progress via distance education; expected completion 06/2026)

Key Courses: Enterprise Applications, Web Application Programming, Advanced Software Development, Software Engineering

Post Graduate Diploma in Computer Science, Nile University of Nigeria, Abuja, Nigeria   (07/2023)
Key Courses: Data Structures & Algorithms, System Analysis & Design, Mobile & Web Programming, Database Management Systems

Bachelor of Engineering in Electrical/Electronics, Afe Babalola University, Ado-Ekiti, Nigeria   (10/2016)

SKILLS

Object Oriented Programming (OOP) • SOLID • Continuous Integration Continuous Development (CI/CD)
UI implementation • Single Page Applications • Cloud (AWS) • System Design • Database Design • MySQL • MongoDB

Languages: JavaScript, Java
Web: HTML5, CSS, React, Bootstrap
Web Services: RESTful/REST, GraphQL, XML, JSON
Web/App Servers: Nodejs
Frameworks: NextJS, Express, Tailwind CSS, Spring Boot, Hibernate
Databases: MySQL, MongoDB, Neo4j
Design Patterns: Singleton, Strategy, Decorator, Abstract Factory
SDLC: Scrum, Feature-Driven Development (FDD), Waterfall, Agile
Tools: IntelliJ, Eclipse, GitHub, Material UI, Jira
Platforms: Windows, Linux

PROFESSIONAL EXPERIENCE

*CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).*

SPARETIME DIGITAL LTD, Manchester, United Kingdom • 04/2023 – 10/2023

Software Developer (Freelance Remote/Contract Full time)
System Design, Development and Maintenance of web applications.
- Designed an art exhibition and retail web application mockup and prototype in Figma, meeting 100% of the functional requirements.
- Transformed the UI mockup into a functional web application using React, NextJS, and Tailwind CSS, boosting user engagement by 25%.
- Architected and deployed RESTful services with Axios and JSON, reducing transaction time by 30%.
- Integrated Stripe for payments, enabling successful purchases and providing frictionless user experience.

Technologies Used: JavaScript, React, Tailwind CSS, Material UI, NextJS, Nodejs, Git, MongoDB, Agile, Feature-Driven Development (FDD)

JACQ (Lex-AI), Lagos, Nigeria ● 01/2022 – 03/2023
Frontend Developer (Freelance Remote/Contract Full Time)
Built user interfaces for various legal and estate management services.
- Engineered UI integrations for the estate management backend, considerably enhancing asset management efficiency using React, Axios, Tailwind CSS and Material UI.
- Developed a SAAS dashboard UI with API integrations, increasing customer satisfaction by 25%.
- Collaborated with product designers to enhance UI, boosting accessibility considerably.

Technologies Used: JavaScript, React, Tailwind CSS, Axios, Jira, Material UI, React Redux, Agile, Scrum

MANYACTIVE APP LTD, Nairobi, Kenya ● 08/2021 – 11/2021
Software Engineer (Remote/Part time)
Built reusable React Components for Fitness Management System.
- Integrated analytics charts into SAAS product using Chartjs, boosting user experience by 20%.
- Implemented UI mockups with JavaScript, React, CSS, Material UI, increasing user traffic by 15%.
- Secured authentication with JSON Web Token, improving performance.
- Optimized data fetching with React Axios, enhancing efficiency by 25%.
- Collaborated on new features, significantly increasing customer satisfaction.

Technologies Used: JavaScript, NextJS, React, Chartjs, Redux, BitBucket, Passport, NPM, Axios, Material UI, Jira, Git, MongoDB, Agile, Scrum

MEDIA DIGEST LIMITED, Abuja, Nigeria ● 01/2020 – 08/2021
Executive Assistant
Led projects from inception to completion utilizing creativity, problem solving and leadership skills
- Led a cross-functional team to launch Total Healthcare magazine, increasing customer registration by 40%.
- Increased web traffic by 20% on ittelecomdigest.com with quality articles.
- Built a responsive UI for an Event Management system, focusing on seamless user experience.
- Engineered a scalable backend for the Event Management system with Nodejs, Express, PayStack, and MongoDB leading to increased customer satisfaction and retention.

Technologies Used: HTML, CSS, JavaScript, React, Nodejs, Express, MongoDB, CorelDraw, Git, Jira, Bootstrap, Slack, WordPress

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ACADEMIC PROJECTS

Maharishi International University (2024) Airline Reservation System: Designed an airline flight reservation system, identified and created the Classes, designed a UML diagram for the relationships, and wrote code for the implementation of our design. Utilized Java

Maharishi International University (2024) Bank Application: Implemented an enterprise-level bank application, with various layers and functionality. Utilized Java, Spring Boot, Hibernate, Kafka, HSQL, MongoDB, AWS (EC2, S3, Lamdba).

PERSONAL PROJECTS

Naija Cuisines 2023: A restaurant application for users to make food orders, including an admin panel to view and manage sales, orders, and products. Utilized JavaScript, React, NextJS, Express, Chartjs, PayStack, Git, Nodejs, MongoDB.

Manny's Webshop 2022: An e-commerce shop where customers can buy products and get them delivered. Utilized React, Nodejs, Git, Commercejs, PayStack, MongoDB.

CERTIFICATIONS
AWS Cloud Practitioner: EC2, Lambda, S3, RDBMS, Amplify

VOLUNTEER WORK
Build for Nigeria (NGO), IT Manager: led project efforts at installing network infrastructure for the company.