AMMANAFUNA "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. Skilled in developing user-friendly responsive UI using React, Nextjs, TailwindCSS, and MaterialUI, and developing robust and scalable backend systems utilizing API design with Nodejs, Express, MongoDB, Java, and Spring Boot.

OOP Principles · Software Design patterns · Single Page Applications · CI/CD · Database Design · Cloud (AWS) · System Design

Languages: Java, JavaScript
Web: HTML, CSS, React.js, Next.js, Nodejs, Express
Web Services: RESTful/REST, GraphQL, XML, JSON
Web/App Servers: Tomcat
Frameworks: Spring Boot, Next.js
Databases: MongoDB, MySQL, Neo4j
Design Patterns: Singleton, Observer, Command, Abstract factory
SDLC: Agile, FDD, TDD, Scrum, Waterfall
Tools: Maven, GitHub, CI/CD, JUnit
Platforms: Linux, Window, Mac

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, UK (Remote) · 04/2023 – 10/2023
A company that specializes in integrating low-cost solutions and fine-tuned workflows, enabling clients to focus on doing what they do best.

Software Developer (Contract Full time)
System Design, Development and Maintenance of web applications
- Designed an art exhibition mockup and prototype using Figma
- Implemented the UI mockup into a functional and responsive user interface for an art exhibition web application frontend using React, Nextjs, TailwindCSS
- Designed and implemented server-side RESTful web services and handled communications to the client-side (Next js) using Axios, and JSON to enable CRUD operations for management and purchase of art pieces, for seamless user experience.
- Implemented admin dashboard for Sales Management, including charts and graphs to showcase sales, orders, and available products. This helped in giving a top-level view of business activities on the application.
- Implemented Payment Management, integrating Stripe which allowed customers to purchase art pieces on the application easily.

__Technologies Used:__ JavaScript, React, TailwindCSS, MaterialUI, Nextjs, Nodejs, Git, MongoDB

JACQ (LEX-AI), Lagos, Nigeria (Remote) · 01/2022 – 03/2023
A start-up company combining the power of AI and Legal services.

Frontend Developer (Contract Full time)
Build user interfaces for various legal and estate management services
- Built UI integrations for the estate management backend to allow customers to easily manage their assets using the interface.

- Built UI integrations for legal services, which connected customers to associate lawyers for personal consultations enhancing customer experience and availability of services.
- Built dashboard UI with API integrations to manage all the services for easier access to services for customers.
- Cleaned up website UI to enhance user experience.

Technologies Used: *JavaScript, React, TailwindCSS, MaterialUI, Axios*

MANYACTIVE APP LTD, Nairobi, Kenya (Remote) – 08/2021 – 11/2021
Fitness and Mental Health services
Software Engineer (Part time)
Building reusable React Components for Fitness Management System
- Built charts and graphs for the SAAS dashboard using Chartjs, ChakraUI, and TailwindCSS for analytics and enabling real time monitoring of staff fitness activity which improved overall user experience.
- Built wallet management component which interacted with 3rd party providers like PayPal to improve ease of payment for services.
- Implemented UI mockups for the website and increased customer traffic by 15%.
- Utilized Node.js Passport authentication strategies for encrypted JSON Web Token requests allowing for stateless user identification and eliminating the need for additional database queries.
- Built integrations with React Axios to call web APIs to fetch data from the backend and update the state in the Redux store, which improved the efficiency of our application.
- Collaborated with product designers to build additional features to enhance customer experience.

Technologies Used: *JavaScript, Nextjs, React, Redux, BitBucket, Passport, NPM, Axios, Material UI, Jira, Git, MongoDB.*

CERTIFICATION

AWS Cloud Practitioner: EC2, Lambda, S3, MySQL, DynamoDB
Issued: June 15, 2023, Expires: June 15, 2026

ACADEMIC PROJECTS

MIU (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. Utilizing MongoDB, Express.js and React. Utilized MongoDB, Express, React

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected 20 June 2026)
Maharishi International University, Fairfield, Iowa

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

PDG in Computer Science
02/2021- 07/2023
Nile University of Nigeria, Abuja, Nigeria
Key Courses: Data Structures & Algorithms, System Analysis & Design, Mobile & Web Programming, Database Management Systems

Bachelor of Engineering in Electrical/Electronics Engineering
09/2010 – 10/2016
Afe Babalola University, Ekiti, Nigeria