Jordan Nwabuike

Software Engineer.

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Professional Summary

Passionate and curious Software Engineer specializing in mobile app development. I am a strong advocate for clean architecture, system design, system optimization, and understanding the "why" behind technical decisions. Currently, I am pursuing a Computer Science degree while contributing to real-world projects at multiple tech companies.

Technical Skills

Programming Languages

— Python, Java, JavaScript/TypeScript, Dart

Mobile Development

— Frameworks: React Native, Flutter

Web Development

— Frameworks: React.js, Next.js, HTML/CSS

— Backend: Django, Node.js & Express.js, Nest.js

Database, Tools, Version Control

— Databases: PostgreSQL, MongoDB, MySQL

— Tools: REST, Prisma, Mongoose

— Version Control: Git, GitHub, GitLab

Core Competencies

— Code Reviews & Quality Assurance

— Team Leadership & Mentoring

— Technical Communication & Documentation

— System Architecture & Design

— Problem-Solving & Debugging

— Constructive Feedback & Collaboration

Experience

MARCH 2025 - PRESENT

Modem Pay, The Gambia – Software Engineer

- Collaborate directly with CTO to optimize payment processing systems and strengthen core infrastructure for reliable, secure transactions.

- Developed and currently working on the merchant mobile application built with React Native and modern mobile development practices.

- Developed Echo mobile app which is a virtual card application.

- Currently working on the web admin dashboard using Next.js and TypeScript for payment management and analytics.

- Ensure high-performance, scalable solutions that meet customer expectations while continuously improving user satisfaction.

- Contribute to technical architecture decisions for payment processing systems and security protocols.

JULY 2024 - PRESENT

NextGen Agency, The Gambia – Software Engineer

- Collaborating on cross-platform mobile applications using React Native, ensuring seamless functionality across iOS and Android.

- Designing and maintaining robust backend services and RESTful APIs using Node.js to support scalable application architecture.

- Architectured and developed Trygg backend, a ride-hailing app for Swedish market.

- Integrate third-party services and APIs to enhance application functionality and improve business workflows.

- Participate in code reviews and provide constructive feedback to maintain code quality across the development team.

- Optimize application performance across all platforms through modern best practices and performance monitoring.

- Contribute to technical documentation and knowledge sharing to support team collaboration and onboarding.

OCTOBER 2023 - MARCH 2024

InSIST Global Ltd., The Gambia – Software Engineer Intern

- Collaborated on Next.js and TypeScript with other senior software engineers in real world projects.
- Worked on some parts of the admin dashboard of the Afrijula app (An amazing e-commerce application) that was built with Next.js and TypeScript.
- Followed the SDLC principles thereby crafting a web weather app using Next.js and TypeScript.

Personal Projects

Cribio – Real Estate Mobile Application

Tech Stack: Flutter, Firebase, Node.js, WebSocket, Google Maps API

- Solved the challenge of connecting property seekers with real estate agents by building a comprehensive home-hunting platform with real-time communication capabilities.

- Integrated Google Maps API for location-based property search and navigation, enabling users to discover properties in their preferred areas instantly.

- Implemented WebSocket architecture for real-time messaging between users and agents, eliminating communication delays and improving response times.

- Built scalable backend infrastructure using Node.js, and Firebase, supporting concurrent users and real-time data synchronization.

VocaMetron – AI Career Counseling Platform

Tech Stack: Flutter, Express.js, Gemini AI Integration

- Addressed the gap in personalized career guidance by developing an AI-driven mobile application that analyzes user profiles to suggest optimal career paths.

- Integrated Gemini AI to provide intelligent interview preparation and personalized career recommendations based on individual skills and interests.

- Built conversational AI interface for direct communication with the AI for career coaching and professional development guidance.

- Developed recommendation engine that processes user data to deliver tailored career advice and industry insights.

ShieldedHub – Cross–Platform Password Management Solution

Tech Stack: React Native, Next.js, Node.js, Express.js, MongoDB

- Created secure password management solution with robust encryption for mobile and web.

- Implemented cross-platform synchronization and secure data storage.

- **Live Demo**: https://shielded-hub-web.vercel.app/

Student Portal – Academic Management System

Tech Stack: Python, Django, HTML/CSS, Bootstrap

- Developed a comprehensive student management system with course registration and authentication.

- Implemented search functionalities and user authorization systems.

Education

SEPTEMBER 2022 - SEPTEMBER 2026

University of The Gambia, The Gambia. – *Bachelor of Science in Computer Science*

Relevant Coursework: Data Structures & Algorithms, Web Development, Database Systems, Cloud Computing, Artificial Intelligence, Advanced Application Development and Intelligent Systems.

Reference

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