

Ama Noel

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EDUCATION

University of Nigeria, Nsukka

2019-2024

Relevant Courses: Structures, Architectural Design, Computer Applications in Architecture, Building Components, Building Services

PROFESSIONAL MEMBERSHIP

Student Member, ARCON, 2020

EXPERIENCE

Backend Engineer: Centiiv Technologies

Feb 2023 – May 2023, Lagos, NG

- Improved continuous deployment (CD) pipelines and migrated the backend codebase to a strictly typed language for consistency and completeness.
- Redesigned the database schema to enhance referential integrity and successfully migrated clusters from Digital Ocean to AWS.
- Supervised and mentored a small team of backend engineers, providing guidance and support in project execution.
- Conducted comprehensive checks and tests on endpoints, maintaining their health and implementing necessary tests for validation.
- Created a virtual accounting system to streamline internal transactions and utilized blockchain providers to update accounts accordingly.
- Configured deployment processes to EC2 clusters and optimized database tables and schema for improved efficiency and indexing.
- Troubleshooted and resolved issues related to delayed transactions, ensuring timely completion.
- Provided comprehensive and refined documentation for ease of use via Postman.
- Revamped existing software systems by adopting the latest trends and technologies, enhancing system performance and functionality.
- Actively participated in all stages of the Software Development Life Cycle (SDLC), regularly publishing changes.

Senior Software Engineer: WhispaHealth

Sept 2022 – Aug 2023, Lagos, NG

- Implemented new features and delivered MVPs by working on the backend codebase.
- Improved data privacy by implementing Role-Based Access Control (RBACs).
- Collaborated closely with frontend engineers to deliver components for the administrative platform.
- Conducted thorough code reviews and implemented quality control measures to ensure code integrity and security.
- Developed a prescription management system for administrators and customers, enhancing data accuracy and providing statistical reports for informed business decisions.
- Designed database tables for new modules and optimized API performance.
- Utilized Jest for testing alpha changes and ensuring software stability.
- Actively maintained existing features and demonstrated proactiveness in designing and delivering new features.
- Participated in data protection trainings to adhere to customer obligations and ensure the safeguarding of customer information.
- Collaborated with project administrators, consistently incorporating feedback with an 80% acceptance rate on initial submissions.
- Led the design and implementation of features while gaining expertise in deployment approaches and processes.
- Participated in team bonding exercises and data protection trainings.

Lead Engineer: Farmpet LTD

Sept 2020 – Aug 2021, Lagos, NG

- Spearheaded the development and delivery of the first version of the mobile application.
- Independently developed all essential modules of the application, including but not limited to the authentication and farming modules.
- Utilized Flutter for the mobile application's front end and Node.js with Redis+MySQL for the backend infrastructure.
- Worked as an independent contractor, collaborating closely with the design team to transform UI designs into a functional Minimum Viable Product (MVP).
- Employed Agile methodologies for efficient project management and rapid iterations.
- Actively maintained and iterated on the codebase, pushing biweekly updates to address bugs and enhance system throughput.
- Successfully implemented the scheduling of jobs for livestock feeding, introducing an innovative concept to the application.
- Wrote comprehensive tests using Jest and executed daily health checks to ensure system reliability.
- Thoroughly documented the project, making it accessible for future reference and maintenance.
- Collaborated with the project manager, a team of testers, and UI designers to deliver the solution, ensuring that features aligned with specifications.
- Assumed responsibility for the entire Software Development Life Cycle (SDLC) process, guaranteeing 100% server uptime and a seamless user experience.

Frontend Flutter Engineer: Overly NG

Jan 2023 – March 2023, Lagos, NG

- Development and delivery of the first version of the i-site mobile application.
- Independently developed all essential modules of the application, including but not limited to the navigation browsing system and authentication.
- Utilized Flutter for the mobile application's front end.

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- Worked as an independent contractor, collaborating closely with the design team to transform UI designs into a functional Minimum Viable Product (MVP).
 - Employed Agile methodologies for efficient project management and rapid iterations.
 - Actively maintained and iterated on the codebase, based on customer feedback from live site tests.
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SKILLS & EXPERTISE

Hybrid Mobile Application Development

Flutter(Dart), Firebase

Frontend Development

Javascript(ECMAScript 6+), Angular 12+, React, NextJS, Redux, Tailwind CSS, Parcel

Blockchain

Smartcontracts with Solidity

Graphics & Design

Affinity Designer, AdobeXD

Backend Development

NodeJS, Typescript, PrismaORM, Express

Databases, Design & CD

PrismaORM, MySQL, MongoDB, PostgreSQL, NginX, Redis, Docker

Cloud Services

AWS, Digital Oceans

Technical

OOP, SOLID Design, TDD, DDD, GoF, Integration & Unit Testing (Jest), Technical Specification & Documentation

PROJECTS

Bridge 3D (2019)

ReactJS, Typescript

A customer centric Web2 plugin/module to intuitively manage the allocation, availability, and distribution of customers in 12,000+ commercial shops.

<https://bridgewayspark.com/presentation>

<https://noel-chinaza.github.io/demo3D/index.demo.html>

EUGlobeLogistics (2023)

Wordpress, Javascript

Updated website for a logistics company to manage their customer base and shipment tracker.

<https://euglobelogistics.com>

Farmpet (2020)

Flutter, Redis, MySQL

Livestock farming application

<https://play.google.com/store/apps/details?id=com.C.purefarm>

AIP I-Site (2023)

Flutter, MySQL

Construction Stage management application.

<https://apps.apple.com/ng/app/aip-isite/id6447011199>

<https://play.google.com/store/apps/details?id=com.nia.eyesite&hl=en&gl=US>

RESEARCH AREAS OF INTEREST

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- Emerging trends in software development
 - Optimized Architectural Presentations on Web2
 - AI applications in production development
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REFEREES

Professional Ref 1: Adeyemo Eronmosele

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Professional Ref 2: Muazu Abu

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