

# Ama Noel

Ikeja, Lagos | [noel.a@whispahealth.com](mailto:noel.a@whispahealth.com) | (+234)-808-550-6181 | [linkedin.com/in/noel-ama/](https://www.linkedin.com/in/noel-ama/)

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## SUMMARY

Experienced backend engineer with a proven track record of optimizing system performance and scalability.

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## EDUCATION

**University of Nigeria, Nsukka**

**2019-2024**

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

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## PROFESSIONAL MEMBERSHIP

**Student Member, ARCON, 2020**

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## 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.
  - Troubleshoot 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.
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**Backend 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.
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## SKILLS & EXPERTISE

### Toolchain

SQL (MySQL, PostgreSQL), NoSQL (MongoDB, Redis), CI/CD (Github Actions, CircleCI, Ngix, Docker, AWS, Digital Oceans, Linux), Framework (NodeJS, Typescript, Express JS), VCS (Git), Frontend (Angular, React, NextJS, Javascript)

### Technical

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

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## RESEARCH AREAS OF INTEREST

- 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

Tech Lead WhispaHealth | [erowonsele.adeyemo@gmail.com](mailto:erowonsele.adeyemo@gmail.com)

Professional Ref 2: Muazu Abu

CTO Centiiv Technologies | [abumuazu09@gmail.com](mailto:abumuazu09@gmail.com)

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