

MERCY ROBERT

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Graduating April 2027 | Dublin based

ABOUT ME

Computing student at National College of Ireland, graduating April 2027. I came to software from a veterinary medicine degree, taught myself to code, and have worked as a backend engineer on payment systems. A lot of that work involved troubleshooting live problems with the support team and explaining what had gone wrong to the people affected. I am now studying for the AWS Solutions Architect Associate certification and want to work in cloud support, where that mix of troubleshooting and customer contact is the job.

EDUCATION

Higher Diploma in Science in Computing (NFQ Level 8, full-time)

Jan 2026 to Apr 2027

National College of Ireland, Dublin

- 83.7% average across completed modules: Data Structures 89.5, Algorithms and Advanced Programming 88.5, Distributed Systems 86.8, Software Development 83, Computer Architecture, Operating Systems and Networks 80
- Also covered: Java, databases, software engineering

Doctor of Veterinary Medicine

Completed Nov 2024

University of Abuja, Nigeria. First Class Honours (4.53/5)

TECHNICAL SKILLS

- Languages and scripting: TypeScript, JavaScript, Java, SQL, shell scripting
- Cloud: AWS (S3, EC2, VPC, EBS, IAM); currently studying for the Solutions Architect Associate exam
- Networking and systems: TCP/IP, DNS, HTTP, subnets and CIDR, the OSI model (from AWS study and my Computer Architecture, Operating Systems and Networks module); Linux and Unix command line
- Backend: Node.js, NestJS, Express, REST and GraphQL APIs, PostgreSQL, MongoDB, MySQL, Redis
- Tools: Git and pull request workflow, Docker, GitHub Actions, Jest and Vitest for testing

EXPERIENCE

Software Engineer, Afriex (payments)

Jun 2024 to Dec 2025

- Worked with the support team to track down reported issues, find the root cause and fix them, and explained what had gone wrong to non-technical colleagues
- Built and maintained integrations with a range of third-party payment providers, each with its own API and documentation
- Helped fix a security problem in our webhook handling, then wrote up what happened and a guide for the team
- Wrote and reviewed code in an agile team, with pull requests, code review and automated tests

PROJECTS AND OTHER LEARNING

- AWS She Builds mentorship programme, 2026: structured guidance on cloud career development and AWS services
- IBM Z Student Ambassador at NCI since July 2026. Earned IBM Z Xplore Advanced and All Star badges, working with z/OS, JCL, COBOL and Zowe in my own time
- College: client-server application in Java RMI; sorting algorithms with complexity analysis; object-oriented applications including a text processor and a rewards system
- Class representative for my cohort at NCI