

# Mujeeb Adebowale

## Senior Software Engineer | Payments, Backend & AI Engineering

Lagos, Nigeria (open to remote) | +234 818 844 1180 | olukayodedayo100@gmail.com

kaydayo.github.io/mujeeb-portfolio | github.com/kaydayo | linkedin.com/in/mujeeb-adebowale-794762199

## SUMMARY

Software engineer with 5+ years building backend and full-stack systems, mostly in fintech, using TypeScript, Node.js, NestJS, Go and PostgreSQL. Currently on card issuing and payments at Chipper Cash. Also building applied AI products (LLM apps, retrieval with pgvector, function calling, agents) with the same production habits: test-driven development, careful data handling and reliability.

## SKILLS

**Payments:** card issuing, transaction authorisation, settlement, billing jobs, disputes and chargebacks, idempotency

**AI Engineering:** LLM application development, RAG pipelines, embeddings and vector search (pgvector), prompt engineering, function calling / tool use, LangChain, agent orchestration

**Languages:** TypeScript, JavaScript, Go, Python, SQL, R

**Backend & Frameworks:** Node.js, NestJS, Express, GraphQL, InversifyJS, React, Next.js, Angular

**Data:** PostgreSQL, Redis, MongoDB, Supabase, Firebase

**Cloud & DevOps:** AWS, Docker, CI/CD, Git/GitHub, DigitalOcean, Render, Heroku, Netlify

**Practices:** test-driven development; unit, integration and end-to-end testing; object-oriented design; Agile/Scrum

## EXPERIENCE

### Senior Software Engineer, Chipper Cash

Lagos, Nigeria | Jan 2025 – Present

- Work on the card issuing and payments services behind card spending across Africa: authorising transactions, moving money to and from card processors, and keeping balances and settlement accurate.
- Build services that are safe to retry under concurrency, and scheduled billing that charges exactly once.
- Build internal tools for the operations team, including dispute and chargeback handling and bulk card operations.

### Senior Software Engineer III, Maxng

Lagos, Nigeria | Dec 2023 – 2025

- Led a team building a fintech application with NestJS, TypeScript and PostgreSQL back-end services.
- Turned product requirements into technical designs, and improved reliability and performance across PostgreSQL and MongoDB.
- Drove adoption of test-driven development, reducing bugs by 30%; on-schedule delivery lifted customer satisfaction 20%.

### Backend Engineer, Cashal

Lagos, Nigeria | Oct 2021 – Nov 2023

- Built backend services with Node.js, TypeScript, Express, NestJS and MongoDB.
- Owned schema design and query performance on PostgreSQL and MongoDB, with unit, integration and end-to-end tests.
- Presented technical findings and solutions to senior executives and stakeholders.

### Full Stack Software Engineer, The People Practice

Lagos, Nigeria | Oct 2018 – Aug 2021

- Implemented and updated application modules from design specifications, working with senior engineers.
- Built internal software that improved communication among colleagues.

## PROJECTS

**Peguin** (in beta, penguin.co): a Mac app that writes your standup update from your commits, pull requests and Claude Code prompts, joins Google Meet or Zoom as your AI stand-in, says it is an AI, and gives the update out loud. Electron, Node, Claude, ElevenLabs, BullMQ.

**Dopple** (v1): a multi-tenant school platform where every school gets its own address, data boundary and fee account: live classes, timetables, exams, attendance and payments. NestJS, Postgres row-level security, React, Next.js, NATS.

## EDUCATION

**B.Sc. Mathematical Science (Statistics)**, Federal University of Agriculture, Abeokuta | 2014 – 2019

**Diploma, Software Engineering**, Decagon Training Institute, Lagos | 2019 – 2020

## CERTIFICATIONS & PUBLICATION

Anthropic Skilljar: Claude Code 101; Claude Code in Action | Scrum Fundamentals Certified (SFC), SCRUMstudy | Software Engineering and Leadership Training Program, Decagon

*Multivariate Analysis on Life Expectancy in Nigeria Using Regression Models* (2018): regression modelling of socio-economic and health factors affecting life expectancy.

## LANGUAGES & COMMUNITY

English, Yoruba, Hausa. NYSC volunteer (Kano, 2019 – 2020): ran skills-acquisition and community education programs.