

DERICK IFEANYI ILOABACHIE

Software Engineer

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[🌐 derickilo.com](https://derickilo.com) [🐙 github.com/devder](https://github.com/devder)

Technical Skills

TypeScript, Go, Python, Node.js, React, Next.js, Nest.js, Git, Docker, Kubernetes, AWS, CloudFormation, SQS, Lambda, EventBridge, GraphQL, Jest, Playwright, MongoDB, MySQL, Redis, Microservices, NATS Streaming, CircleCi, Ansible, Prometheus

Experience

EukaPay

May 2022 – Present

Software Engineer

Toronto, Canada (remote, full-time)

- Working as a full-stack Software Engineer (FE/BE) in a talented agile team, building and maintaining a cryptocurrency payments processor and an on-ramp/off-ramp platform.
- Led the upgrade of our payment processing system to a serverless computing and event-driven architecture which significantly enhanced both application performance and operational efficiency (utilizing Amazon SQS, DynamoDB, EventBridge, AWS Lambda.)
- Led the development of the Partners platform, accelerating merchant onboarding to drive product adoption and expand our merchant network, resulting in increased transaction volumes.
- Developed a risk management compliance solution that monitors all transactions going through our crypto addresses to mitigate the risk of Money Laundering and Fraud.
- Engineered a secure webhook feature for real-time payment transaction notifications, enabling seamless merchant integration with our APIs and improving customer satisfaction.
- Implemented a feature allowing merchants to select a settlement currency and receive payments in multiple currencies, including US Dollars and Euros, fostering global adoption.
- Created and documented API endpoints for third-party integration with our products.
- Continually building on my skills throughout the SDLC.

Clevadev

Aug 2021 – Present

Co-founder / Software Engineer

Lagos, Nigeria

- Planning, developing, and optimizing Mobile and Web applications for local and foreign clients using cutting-edge technologies and tools.
- Working with a team of software developers and UI/UX designers to build amazing products.

Apex Network

Sep 2021 – May 2022

Software Engineer

Lagos, Nigeria (full-time)

- Led the development and maintenance of a cross-platform Flutter mobile application for exchanging cryptocurrency for fiat currency, which increased user engagement and retention by 70%.
- Deployed the mobile application to App Store and Google Play Store respectively.
- Implemented third-party API integration, shift-left testing, VPS management on the backend.

Fiverr

Mar 2019 – Sep 2021

Freelance Software Developer

Nigeria (Remote)

- Delivered over 3 full-stack applications to clients from different parts of the world.
- Fulfilled more than 20 software development gigs using M.E.R.N stack and Flutter.

Projects

Gettickets (github.com/devder/ticketing-app) | *Node.js, Express.js, MongoDB, Next.js, Docker*

- Developed a web app for users to sell third-party tickets, where buyers are given a 5 minutes window to pay for a ticket while the ticket is locked.
- Containerized app using Docker and Kubernetes making each service a single entity and integrated Node NATS Streaming server to listen and publish events across the different services.
- Implemented unit tests with Jest with up to 90% code coverage and set up automated CI/CD pipelines with GitHub Actions.

Pulpitcast (pulpitcast-client.herokuapp.com) | *React, NodeJs, Express, MongoDB*

- Built a web app for preachers to grow an audience who listen to their sermons

Education and Certifications

Amazon Web Services (AWS)

AWS Certified Solutions Architect

Dec 2023

Udacity

Cloud DevOps Engineer Nanodegree Program

May 2022 - September 2022

California

Federal University of Technology, Owerri

Bachelor of Engineering in Mechanical Engineering (Second Class Honors, upper division)

Nov. 2014 – Dec 2019

Owerri, Imo

Interests

Researching and mentoring, Investing, Gaming, Solving puzzles, Travelling, Productivity, Music.