



## EXPERIENCE

### Aster BI (Accounting) Co-founder

Jan 2024 – Present

- Built and launched a bookkeeping product, [www.asterbi.com](http://www.asterbi.com), from scratch scaling to 800 customers using Next.js(frontend) and Ruby on Rails(backend).
- Supported 4,000+ issued invoices In the first year, along with expense tracking, business reports, taxes, role-based access controls.
- Designed and implemented a robust payment processing system capable of 100k daily payments, supporting retries, fallbacks, fees, settlements and reconciliation. Facilitated integrations with 2 payment partners.
- Led product direction, conducted 40+ customer clarity calls, defined requirements and executed implementation.
- Delivered 5+ key financial tools, including automated VAT and WHT forms, on-demand financial statements.
- Integrated monitoring tools and developed self-hosted BI dashboards for tracking 30+ key performance metrics.
- Designed and implemented subscription management system with 3 feature-based plans, trial periods, renewals and prorated payments.

### Branch International (Lending & Payments)

Remote

#### Senior Software Engineer

Oct 2021 – Dec 2023

#### Software Engineer

Apr 2019 – Oct 2021

- Led the technical team to build and launch debit cards handling \$80k in weekly transactions; built the card application flow and tools for production, delivery, disputes, reconciliation, and monitoring.
- Developed NIBSS payment integration for bank transfers, saving \$40k/week in transaction fees.
- Led establishing app monitoring norms, reducing crash/ANR by 45% over 12 weeks and boosting Play Store rankings.
- Built and led technical team to maintain a wallet and investment account, handling 100k weekly transactions across Nigeria and Kenya; increased monthly active users by 25% in the first 12 weeks.
- Implemented GTBank payment integration to handle \$70k/week in cash payments, supporting loan financing strategy.

### Andela (Talent) Software Engineer

Oct 2018 - April 2021

- Enhanced talent management app with surveys and interactive tutorials, boosting NPS from 7 to 8 in 12 weeks.
- Mentored 8 junior developers in the Stackup program guiding them in technical and product management skills.

## PROJECTS

- [Active Record ObscuredID \(Ruby\)](#) - Open source(360+ downloads) library for generating exposable IDs for rails models.
- [Paystack Gateway \(Ruby\)](#) - Open source(170+ downloads) library providing modules binding to the official paystack API.

## TECHNICAL SKILLS

### Technologies & Frameworks

Rails, Next.js, React, Android, Node.js, Express.js

### Languages

Ruby, Typescript, Javascript, Kotlin, Java, Python, C

### Databases & Datastores

PostgreSQL, Redis, SQLite, Snowflake, MySQL, Redshift, MongoDB

### Devops & Cloud

AWS(EC2, S3, RDS, Lambda), Digital Ocean, Heroku, Docker, Kubernetes, CircleCI, GitHub Actions

### Monitoring & Analytics

Datadog, New Relic, Metabase, Papertrail, Sisense, Google Analytics

### Other skills & Tools

API Design(REST, GraphQL), System & Data model Design, Performance, Modular/Microservices Architecture, TDD, Git

## EDUCATION

### BEng, Electronics & Electrical Engineering

[University of Birmingham, UK.](#)

10/2013 – 07/2016

Built a C++ application which modelled the particle filtering algorithm for SLAM(simultaneous localization and mapping).

### Diploma in Engineering

[University of Lagos, Nigeria.](#)

09/2012 – 08/2013