

Jesulayomi Michael Aina

Software Engineer | New York City, NY | jesulayomi081@gmail.com | [linkedin.com/in/jesulayomi/](https://www.linkedin.com/in/jesulayomi/) | github.com/Jesulayomy

SKILLS

Languages: Python, JavaScript, SQL, C, Bash, TypeScript **Front-End Development:** React, Next.js, HTML, CSS, TailwindCSS **Back-End Development:** Django, Flask, Node.js, express **Database:** MySQL, MongoDB, Redis **Cloud & Devops:** Docker, AWS(S3, EC2, Lambda, DynamoDB, RDS), Vercel, DigitalOcean **Version Control:** Git, Github, Github Actions **Other:** Google Search Console, Celery, Alembic, Agile.

EXPERIENCE

Software Engineer

Resilient Coders

Jan 2025 – Present

Boston, MA

- Empowered users to effortlessly manage shared expenses and eliminate **payment** confusion, by creating PaySplit, a mobile application providing **real-time** updates and flexible contribution options for group payments
- Generated **\$40,370** in contract revenue within one week from finalized client agreements, through effective collaboration in a team of 25+ developers, to secure various client contracts
- Created 13+ websites, applications and software for freelance clients, with Search Engine Optimization, responsiveness, and **accessibility** as top priorities, and engaging in the full software development life cycle (**SDLC**), including requirements gathering, **design**, coding, testing, and deployment for client projects

Software Engineer

NUESA FUNAAB

Aug 2022 – April 2024

Remote, NG

- Integrated **Django**-REST API with existing **Next.js** application resources, resulting in a full-stack application for use by over 1200 students, deployed on a DigitalOcean Server
- Performed code review and refactoring of over 8000 lines of code to conform to clean, readable, and DRY code
- Implemented RESTful API to serve data of more than 700 books with over 2.7GB total file size through the **Google Drive API**
- Applied Drive API user authentication by using **Google OAuth** scopes to allow full read and write access to the required books Drive folder
- Documented comprehensively using flasgger **OpenAPI** specification, and established community guidelines for contributors, reducing the average daily API issues to less than 2 daily

Software Engineer

GatherGo

Jan 2024 – April 2024

Remote, LG

- Designed infrastructure for **models**, established CRUD patterns and built API documentation
- Wrote test suites for quality code coverage by writing over 30 requests in **Postman**.
- Applied 13 successful API deployments with only 3 rollbacks, giving an 81% deployment success rate

Backend Developer

CTTaste

Nov 2023 – Jan 2024

Remote, LG

- Saved development team up to **60+ minutes** a day from scouring obscure data during support, by building a custom, data-retrieval-oriented **Django admin** panel
- Tested and pinpointed various user experience bugs in the 1.0.2 version of the **React-native** based mobile application on testflight, reducing the live application crash reporting to under 10% per month

PROJECTS

SCHub | Open-Source (> 100 hours) – [Github](https://github.com)

Jan 2025 – Feb 2025

- Collaborated on project maintenance, and resolved 12 Pull request tasks using **Github**, resulting in 6+ closed issues during Hacktoberfest.
- Assessed and categorized known issues, and resolved migration by porting the **flask** backend application to **Django**, drastically improving development speed and scalability for new features.
- Reduced average retrieval **latency** and time to first byte of the web application by over 75% by scaling out the infrastructure, implementing pagination and a round-robin load balancer, with speed aggregated and tracked on Postman
- Achieved 98.8% task completion rate by using **Agile** methodology on Trello, completing 83 of 84 tasks within the initial 5-week MVP sprint.

EDUCATION

University of Agriculture, Abeokuta

December 2023

Bachelors of Engineering in Electrical Engineering

ACTIVITIES

Google Tech Equity Collective – Accelerating innovation and community for professionals in tech

Oct 2024 – Present

AWS Cloud Practitioner

Sept 2024 – Present

Postman – API Fundamentals Student Expert

July 2024 – Present

API Conference Lagos 24 – Volunteered to provide logistic support at an event with 1000+ events

July 2024