Michael Jesulayomi Aina

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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 Console, Celery, Alembic, Agile

EXPERIENCE _____

Software Engineer   *Jan 2025 – Present*
Resilient Coders   *Boston, MA*
- Currently working on creating 6+ websites and applications 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   *Aug 2022 – April 2024*
NUESA FUNAAB   *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
- Created the backend Restful API for an Event Management web application using **Flask**, and deployed the backend through CD on **Github**
- Developed authentication and Rest API views to support event management features
- Documented comprehensively using flasgger **OpenAPI** specification, and established community guidelines for contributors, which reduced average daily API issues to 2 daily

Software Engineer   *Jan 2024 – April 2024*
GatherGo   *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   *Nov 2023 – Jan 2024*
CTTaste   *Remote, LG*
- Saved development team up to **60+ minutes** a day from scouring obscure data during support, by building a custom, data-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 issues

PROJECTS _____

SCHub | Open-Source *(> 100 hours)* – Github   *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.
- Increased the average speed of the web application by over 35% by scaling out the infrastructure and implementing a round-robin load balancer, with speed aggregated and tracked in 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*