AJAYI TAIWO JOHN

Front-End Engineer • React • TypeScript • Node.js

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SUMMARY

Front-end engineer experienced in building responsive React, React Native and Next.js applications connected to live REST APIs, with Node.js and Django REST backend experience. Biomedical engineering graduate who also facilitates developer classes at Bincom Academy.

EXPERIENCE

Software Developer Intern (Paid)
Bincom Academy | Jul 2025 to Present

- Build mobile and web features in React Native, React, TypeScript and Node.js, integrated with REST APIs and Django backends, in cross-functional teams with code review.
- Updated features in the Bincom Dev Center app: role-based login, meeting scheduling, member check-in with punctuality, attendance ledger, team moves, member dashboard and assessments.
- Contribute to apps within a portfolio serving over 15,000 active users, including FoodRisk AI and DevCircle.
- Facilitate classes for Bincom learners.

IT and Site Engineer
Enerx Ltd | Mar 2024 to Present

- Prepare and edit business and construction documents in Excel, PDF and Word, including receipts and bills of quantities with item descriptions, quantities, rates and amounts.
- Attend construction sites in Lagos State as an observer on LASBCA work.
- Designed and developed a multi-page exhibition platform in React.js and Node.js, live in production.
- Built interactive, responsive React components for the John SciTec website, improving navigation and reducing page load time.

Backend Developer Intern
DON-CLEM LTD | Feb 2025 to Jun 2025

- Built REST APIs with Django REST Framework for React and TypeScript front ends.
- Deployed to production with Docker, Nginx and Gunicorn for a stable, easier-to-scale setup.
- Cut response times for long-running operations by moving them to Celery and Redis.

CORE SKILLS

Web Development: HTML5, CSS3, JavaScript, TypeScript, React, React Native, Next.js, React Query, MUI
Back End: Node.js, Express, Python, Django REST Framework, REST APIs, Celery, Redis, Firebase
Databases: PostgreSQL, SQLite
Testing and APIs: Jest, Swagger, Resend, Claude API (Anthropic)
Tools: Git, GitHub, GitLab, VS Code, Google AI Studio, Jira, Docker, Nginx, Gunicorn, Vercel, Render
Professional: Code Review, Cross-Functional Collaboration, Teaching and Facilitation

SELECTED PROJECTS

FoodRisk AI
Contributed changes and new functionality to a team app that flags food reaction triggers through AI pattern matching.

DevCircle
Contributed changes and new functionality to a community platform for mentorship, resources and programs.

Bade Adesemowo Website
Next.js and TypeScript site deployed on Vercel, with forms that send email through Resend.

DevDoc AI
React and TypeScript app that uses the Claude API to generate docs, READMEs, code reviews and unit tests.

Finance App
Offline-first React Native expense tracker with SQLite, Clean Architecture and a CI pipeline for lint, type checks and tests.

TaskFlow API
Django REST and PostgreSQL task management API with token auth, Swagger docs and 9 passing tests, deployed on Render.

EDUCATION

B.Tech, Biomedical/Medical Engineering
Federal University of Technology, Akure | 2016 to 2021

CERTIFICATIONS

IBM Full Stack Software Developer (Coursera); Developing Back-End Apps with Node.js and Express (IBM); Developing AI Applications with Python and Flask (IBM); Python for Data Science, AI and Development (IBM); Introduction to Cloud Computing (IBM); Full Stack Web Development Internship (New Horizons); Python Intermediate (Bincom Academy); Mobile App Intermediate (Bincom Academy)