

Jacob Inala Prince

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Portfolio: <https://smart-home-project-sandy.vercel.app> | GitHub: github.com/jacobinala

Professional Summary

Software Engineer with 3+ years of experience building scalable applications across frontend, backend, and mobile environments. Skilled in developing responsive UIs, designing RESTful APIs, implementing backend services, and integrating machine learning workflows. Experienced in React, Angular, React Native, Python, FastAPI, Django, and data science. Adept at delivering production-ready solutions for startups, fintech, logistics, and educational platforms.

Technical Skills

Frontend: Angular, React, Next.js, React Native, TypeScript, JavaScript (ES6+), HTML5, CSS3, Chakra UI, Tailwind CSS, Bootstrap

Backend: Python, FastAPI, Django, Django REST Framework

Data & ML: Data Science (Pandas, NumPy, Matplotlib, Scikit-learn), Jupyter Notebooks, basic model training & evaluation

APIs: REST, GraphQL (basic), Axios, Angular HTTPClient, TanStack Query

State Management: Redux, Context API, MobX, Zustand, RxJS, NgRx (basic)

Databases: PostgreSQL, SQLite (basic)

DevOps & Tools: Git & GitHub, Docker, Jira/Linear, Storybook, Vite

Testing: Jest, Cypress, Jasmine, Karma, Pytest (basic)

Other: Responsive UI, performance optimization, accessibility, clean architecture

Experience

Frontend Developer — ProgramMify, Nigeria | Jul 2024 – Sep 2024

- Built reusable UI components with React and Angular, ensuring mobile responsiveness.
- Integrated REST APIs to display dynamic data.
- Participated in Agile sprints, standups, and peer code reviews.
- Wrote unit and E2E tests with Jest and Cypress for UI reliability.

Mobile App Developer Intern — Eonace (Fintech), Nigeria | Jan 2024 – Jun 2024

- Developed UI with React Native (Expo) for fintech services including airtime/data purchase and airtime-to-cash.
- Integrated secure APIs and optimized mobile responsiveness.
- Collaborated with backend engineers to improve app performance and stability.

Frontend Developer (Freelance) — BdExpress Delivery | Jun 2023 – Dec 2023

- Built the complete frontend for a logistics platform using Next.js, TypeScript, and Tailwind CSS.
- Implemented delivery workflows, tracking UI, responsive layouts, and SEO optimization.

Frontend Developer (Freelance) — E-commerce Website | Jan 2022 – May 2023

- Designed and developed a React + TypeScript storefront with product listing, filtering, and shopping cart features.
- Ensured mobile responsiveness and dynamic API-driven data fetching.

Personal Projects

Full-Stack AI-Powered E-learning Platform (SRS-based)

- Built backend services with Python, FastAPI, and PostgreSQL.
- Implemented authentication, adaptive learning endpoints, and admin dashboard API structure.
- Integrated early-stage ML logic for quiz recommendation.

Smart Home Automation Dashboard — Angular | Sep 2022 – Jan 2023

- Developed an interactive dashboard with device controls and real-time data integration.

React Native Music Player App | Feb 2022 – Aug 2022

- Built a cross-platform music player supporting playlists, favorites, and persistent playback.

Education

Advanced Diploma in Software Engineering (ADSE) — Aptech Academy, Port Harcourt | Sep 2023
– Present

High School Diploma — Deeper Life High School, Port Harcourt | Sep 2017 – Aug 2023