

RAPHAEL OKEKE

FULL STACK DEVELOPER

Awka, Nigeria • +234 905 724 7431 • raphaelokeke002@gmail.com

linkedin.com/in/r0ktech • github.com/r0ktech • x.com/r0ktech

SUMMARY

Full stack developer with 2+ years of professional experience across the JavaScript and TypeScript stack — React and Next.js on the front end, Node.js, Express, PostgreSQL and MySQL on the back end. Built production client interfaces at an IT services firm, shipped authenticated REST APIs as a backend engineering intern, and independently designed and deployed a role-based government knowledge management platform. Final-year Computer Science student (4.41/5.0) comfortable owning a feature end to end from schema design through to containerised deployment.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL, HTML5, CSS3

Frontend: React.js (Hooks, Context API), Next.js 15 (App Router), Tailwind CSS, shadcn/ui, Framer Motion, Recharts, Leaflet, responsive & mobile-first design

Backend: Node.js, Express.js, RESTful API design, JWT & refresh tokens, role-based access control, bcrypt, express-validator

Databases: SQL, Prisma ORM, relational schema design, query optimisation

DevOps & Tools: Docker & Docker Compose, Vercel, Git & GitHub, Vite, Postman, ESLint, Chrome DevTools, WordPress

PROFESSIONAL EXPERIENCE

Backend Developer Intern Apex Technology Hub & Services Limited, Awka

Sep 2025 – Nov 2025

- Built and maintained RESTful APIs in Node.js and Express to power the product frontend, agreeing request and response contracts with the frontend team up front to eliminate integration rework.
- Implemented JWT and bcrypt authentication across protected routes — token issuance, session validation, and secure password hashing and storage.
- Designed relational schemas and wrote optimised SQL queries supporting full CRUD functionality, indexing frequently filtered columns to keep read times stable as data grew.
- Tested every endpoint in Postman before handoff and debugged in VS Code, shipping through Git branching workflows and team code reviews.

Frontend Developer Elegant Computers

Aug 2021 – Sep 2023

- Translated design mockups into responsive, cross-browser interfaces with HTML, CSS and JavaScript across a range of client-facing web projects.
- Built a reusable React component set with hooks-based state management, giving the team a shared foundation that shortened build time on each new page.
- Integrated frontends with RESTful APIs — consuming JSON payloads, handling asynchronous requests with fetch, and building explicit loading and error states.
- Implemented mobile-first layouts with Flexbox and CSS Grid, verified down to 320px width across Chrome, Firefox, Safari and Edge.
- Profiled page performance in Chrome DevTools, reducing render-blocking requests and compressing image assets to improve load times on slower connections.
- Customised WordPress themes for client sites to match brand, layout and content requirements.

PROJECTS

Abia State Knowledge Management System Next.js 15 · TypeScript · Express · PostgreSQL · Prisma · Docker

web-based-knowledge-management-syst.vercel.app · github.com/r0ktech/Web-Based-Knowledge-Management-System

- Full stack digital archive documenting leadership trajectories and historical developments in Abia State, spanning 14 pages including a Leaflet geo-map, chronological timeline explorer, document repository with an approval workflow, and a Recharts analytics dashboard with CSV export.
- Implemented a seven-tier permission system (Super Admin through Guest) on JWT with refresh tokens, role-based route guards, and an audit trail logging every create, edit and approval action.
- Modelled the PostgreSQL schema in Prisma and seeded 100 leaders, 300 events and 1,000 documents; containerised database, API and frontend with Docker Compose, and built an offline fallback that serves mock data when the API is unreachable.

Job Application Portal API Node.js · Express · MySQL · JWT

github.com/r0ktech/Job-Application-Portal-Full-Stack-App-

- Designed a RESTful recruitment API over four normalised MySQL tables (users, companies, jobs, applications) with foreign-key relations and a unique constraint preventing duplicate applications to the same posting.
- Built role-based access control separating recruiter and applicant permissions across job CRUD, application submission and the five-state status pipeline from pending through to accepted.
- Secured the API with bcrypt hashing, JWT bearer auth, express-validator sanitisation and parameterised queries against SQL injection; documented every endpoint with request and response examples.

SkillSwap Next.js (App Router) · TypeScript · Tailwind CSS · shadcn/ui

skill-swap-nine-irid.vercel.app · github.com/r0ktech/Skill-swap

- Built a skills-exchange marketplace where users list what they can teach and what they want to learn, then get matched for reciprocal swaps — with profiles, messaging and scheduling flows.
- Developed in TypeScript on the Next.js App Router with a component system built on Tailwind and shadcn/ui, deployed to Vercel.

Trackr — Student Finance Tracker React · Vite · Tailwind CSS · Recharts · Framer Motion

trackr-dun-eta.vercel.app · github.com/r0ktech/Trackr

- Built a personal finance dashboard for students covering transaction CRUD with search and filtering, category budgets with overspend warnings, savings goals, and pie, bar and area chart analytics.
- Managed global state with the React Context API and persisted data client-side so the app runs fully offline; added CSV export, dark/light theming and responsive layouts down to mobile.

EDUCATION

B.Sc. Computer Science Nnamdi Azikiwe University, Awka

Expected Aug 2027

- CGPA: 4.41 / 5.0 — First Class Honours (in progress).
- Relevant coursework: Data Structures & Algorithms, Object-Oriented Programming (Python, JavaScript), Database Systems, Software Engineering.