

UKO UWATT

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Fullstack Software Engineer skilled in building scalable, high-performance web applications with modern technologies. Strong expertise in React, NextJs, TypeScript, Tailwind CSS, React Query, Redux, Zustand, Node.js, Express, MySQL, and MongoDB. Experienced in designing and integrating APIs, implementing secure authentication (JWT, OAuth, cookies), creating visually appealing/intuitive user interfaces and optimizing applications for speed, accessibility, and responsiveness. Collaborative problem solver who thrives in Agile teams, delivering end-to-end solutions that balance technical excellence with real business value.

EDUCATION

ALX (In collaboration with Holberton School and African Leadership University)

Software Engineering – 2024

[Certificate Link](#)

SKILLS

- Languages: C, Python, JavaScript (ES6+), TypeScript, Bash, HTML, CSS.
- Frameworks: Express.js, Node.js, Flask, React, Tailwind, Bootstrap, Redux, Zustand, React Query, NextJs
- Database: MongoDB, MySQL, Redis, Supabase
- Testing: Mocha, Chai, Jest, React Testing Library
- Version Control: Git, GitHub
- Tools: Postman, Vim, Visual Studio, ShadcnUI, DaisyUI
- Others: Documentation, RESTAPI Integration, Responsive Web design, CI/CD (GitHub Actions, Vercel, Render), Linux (Vim, Bash)

EXPERIENCE

FullStack Developer at ParentalPal Ltd (March 2025 – date):

- I developed a full-stack childcare platform using Next.js, TypeScript, MongoDB Atlas, and Tailwind CSS, featuring multi-step booking flows, role-based authentication, and real-time analytics dashboards that serve over 500 users.
- I built a dynamic admin dashboard with interactive data tables, advanced filtering, and smooth Framer Motion animations, reducing load time by 40% through image optimization and lazy loading.
- I architected a scalable backend infrastructure with RESTful APIs, MongoDB native driver integration, and automated data backup to Google Sheets, while ensuring type safety and robust error handling with TypeScript.

- I implemented advanced form validation systems including email verification, and multi-tab registration with real-time pricing and custom toast notifications using React Hot Toast.
- I implemented a payment gateway using Paystack.
- I integrated third-party services such as Cloudinary for optimized image handling and NextAuth.js for secure session management, then deployed to Vercel with a CI/CD pipeline ensuring responsive design across all devices.

FullStack Developer at FashionSmith (March 2024 – February 2025):

- I created a full-stack tailoring platform enabling clients to customize and order garments through a seamless web experience. Implemented secure JWT authentication with refresh/access tokens and httpOnly cookies for robust session management.
- Built RESTful APIs in Express.js and MongoDB, ensuring scalable data handling and optimized query performance.
- Designed a responsive, component-based UI with React and Tailwind CSS, achieving above 93% Lighthouse accessibility and mobile responsiveness.
- Integrated role-based dashboards for tailors and clients, supporting order tracking, measurements, and profile management.
- Deployed to Vercel with automated builds, environment configuration, and version-controlled CI/CD workflow.

Student at ALX (January 2023 – February 2024):

- I built and deployed full-stack applications with HTML, CSS, Node.js, ExpressJs, Python and Flask, improving responsiveness and scalability.
- I designed RESTful APIs used by web and mobile apps, ensuring secure and reliable data transfer.
- I managed relational and non-relational databases (MySQL, MongoDB, Redis) for scalable data handling.
- I implemented automated testing with Jest, Mocha, and Chai, reducing bugs and increasing maintainability
- Collaborated in Agile teams on end-to-end software development — from architecture to debugging and deployment.

PROJECTS

- FashionSmith (MERN Stack, Tailwind CSS, DaisyUI, Paystack) ([GitHub Repository](#)):
 - Built a full-stack web app for a bespoke tailoring brand enabling user sign-up, custom order placement, secure payments, and delivery scheduling.
 - Streamlined tailoring process with a digital experience for clients and administrators.
- Musical (Flask, Python, Bootstrap) ([GitHub Repository](#)):
 - Developed a media streaming app leveraging APIs for dynamic playback and seamless user experience.

- ParentPal (Express.js, MongoDB, Redis, TomTom API) ([GitHub Repository](#)):
 - Designed backend APIs to connect clients with nearby tutors using geolocation services.
- Airbnb Clone (Flask, HTML, CSS) ([GitHub Repository](#)):
 - Collaboratively built a replica of Airbnb, implementing authentication, property listings, and search features
- Simple Shell (C, Bash) ([GitHub Repository](#)):
 - Developed a custom command-line interface emulating Linux shell operations (process creation, file manipulation).