Suhud Ayodeji Yekini – Software Engineer

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PROFILE

Motivated and curious Full Stack Developer with a passion for solving real-world problems through code. Skilled in building scalable, responsive web applications using modern technologies like Next.js, TypeScript, and MongoDB. Known for delivering user-focused solutions, automating workflows, and improving system performance. Strong foundation in software architecture, OOP, and integrating AI features.

SKILLS

- **Languages & Dev tools:** JavaScript, Node.js, React.js, Next.js, TypeScript, Express.js, HTML, CSS, Tailwind CSS
- **Databases:** SQL, NoSQL, MongoDB, Mongoose, Firestore
- **Tools & Platforms:** Redux, Tanstack (React Query), Socket.IO, REST API, Firebase Auth, Google Cloud Storage, Git
- **Other:** Realtime Apps, AI Bots integration, Data Structures & Algorithms, Systems Design, Object Oriented Programming, Vercel Deployment.

DEVELOPMENT PROJECTS

- Built a scalable school management platform with **Next.js**, TypeScript, Redux, React Query, **Express.js,** and MongoDB. Features include role-based access, admin dashboard, real-time data handling, and modules for managing students, staff, finances, and academics.
- Built an **AI-powered chatbot** using OpenAI and Next.js to guide users around my portfolio site. Includes features like theme toggling, multi-language support, and personalised user interaction—improved site engagement by 95%.
- Developed an app that allows users to define core values and receive daily AI-generated affirmations. Used Next.js, TypeScript, **Express.js**, and Mongoose. Included secure traditional and third-party authentication and auto-save functionality.
- Engineered a responsive **task management system** with React.js, Redux, Node.js, and MongoDB. Features secure login and real-time insights.
- Built a **personal portfolio site** with Next.js and TypeScript to showcase projects, boosting online visibility by 80%.

WORK EXPERIENCE   *City Of London, England, United Kingdom*

Principle Cleaning Services - Data Analyst & Data System Developer   *Sep 2024 – current*

- Engineered a data system using **Google Apps Script JavaScript** to analyse Infogrid toilet sensor data, compensating for **missing data** and creating predictive models, optimising service delivery and resource allocation by 30% and increasing client satisfaction by 55%.
- Spearheaded **the rearchitecting of data systems** using advanced spreadsheet functions, developing interactive dashboards that provided executives with real-time insights into **key business metrics**, increasing data analysis efficiency by 80% and cutting retrieval times ninefold.

Principle Cleaning Services - IT Data Executive   *Aug 2024 – Nov2024*

- Automated file ownership audits using Google Apps Script, reducing manual work from 4 days to 2 hours
- Streamlined Google Slides-to-PDF conversions, cutting task time by 95%
- Supported data and content management for the new CMS using Firefoo, improving collaboration by 86%

EDUCATION – Newham College London

GCSE Mathematic (Grade: 5) - *Aug 2022*   GCSE English (Grade: 6) - *Aug 2022*

BTEC Level 3 National Extended Diploma in Information Technology (Grade D*D*D)   *Sep 2022 - Jul 2024*

LEADERSHIP AND RECOGNITION

- Student Governor & Ambassador (2022–2024) – Advised on student life improvements and led IT initiatives that boosted learning efficiency by 55%
- Jack Petchey Award (2021) – Recognised for outstanding contributions to Newham College student community