

Samuel Urah Yahaya

Frontend & Product Engineer

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Experience

Frontend Engineering Intern <i>Anthena (formerly Coodeck), AI-powered freelance marketplace for Africa</i>	Jun 2025 – Nov 2025 Nigeria
- Built core marketplace screens (profiles, escrow flows, dashboards) in React, Next.js and Chakra UI during the beta. - Integrated backend APIs across marketplace flows and built reusable interface patterns for consistent behaviour and styling. - Improved responsiveness, navigation, accessibility and mobile usability; proposed and shipped UI improvements.	
Product Engineer & Designer <i>Independent / Freelance</i>	2024 – Present Remote
- Delivered paid websites, brand identity systems and campaign assets for clients, from discovery to production. - Built responsive interfaces and managed scope, revisions and direct client communication on each engagement.	
Frontend Development Instructor <i>Kids Code Club Africa</i>	Aug 2024, Aug 2025 Jos, Nigeria
Taught beginner frontend web development in the same summer programme where I first learned to code.	

Projects

Debrief AI teach-back tutor; Next.js, TypeScript, Groq, Zod	debrief.samuelyahaya.com
- Built a tutor that finds the weakest claim in a learner's explanation and guides them to repair it; the LLM writes the questions while a TypeScript state machine controls turns and verdicts. - Checked every quoted line against what the learner actually wrote, and found and fixed 4 failures in live testing, including token truncation that silently served fallback questions.	
thanksbut.lol Public archive of rejection emails; Next.js, Convex, UploadThing	thanksbut.lol
- Designed, built and launched the product end to end: information architecture, interface, and an infinite-scroll wall with category filters and optimistic reactions on real-time data. - Built a client-side privacy editor (crop, redact, strip EXIF, compress) so personal data is removed before upload.	
Ren Chrome side-panel notepad; JavaScript, Chrome Extensions API	github.com/Sammy949/ren
- Built and published a notepad to the Chrome Web Store with a rich editor, markdown shortcuts, search, themes and keyboard-first accessibility, keeping all data on the user's machine. - Traced a data-loss incident during publishing to an unpinned extension ID and wrote a postmortem with the fix.	
Freeboard Zero-knowledge solvency proofs; TypeScript, Compact, Midnight	github.com/Sammy949/freeboard
- Wrote a Midnight contract that proves a DeFi position is solvent against a threshold, revealing only SAFE or AT_RISK. - Added in-circuit Schnorr signature verification to bind each proof to an attested position, validated end to end on a devnet.	

Skills

Languages: TypeScript, JavaScript, Python, HTML, CSS
Frontend: React, Next.js, Tailwind CSS, Chakra UI, responsive design, accessibility
Backend & tooling: Node.js, Convex, REST APIs, Zod, Git, GitHub Actions, Vercel
AI: LLM APIs (Groq, OpenAI-compatible), structured output, tool calling, agent memory
Design: Figma, Adobe Illustrator, product design, UI/UX, prototyping, brand identity

Awards

3rd Place, National K–12 Final , NITDA Digital for All Challenge 2.0	2025
Top 32 of 218 , Zero Cup, OG ecosystem	2026
Winner , Axia Tech Challenge	2022, 2023

Education

Peakfield Academy , secondary school Valedictorian, Best Graduating Student, Head Boy (Student President)	2026
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