Simamkele Sheyi

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Summary

I build full-stack applications, e-commerce platforms, and interactive games using Python, Django, JavaScript, and PostgreSQL. I enjoy experimenting with new technologies, solving interesting problems, and turning ideas into real, working products. Give me a new stack, and I'll learn it. When I'm not coding, I'm exploring new ideas, improving my skills, and building projects that challenge me to think differently.

Technical Skills

Languages: JavaScript, Python, Java, C, TypeScript,
Web & Backend: HTML/CSS, Django, Node.js, REST APIs, WebSocket, SQLite, MongoDB
Systems & Tools: PostgreSQL, Linux, networking (CCNA), process control, WebGL, Git, Arduino/PLC

Experience

Oasis Infobyte Remote
Web Development & Designing Intern *Aug-Sept 2026*

- Developed and styled responsive web pages based on project requirements and design specifications
- Implemented website layouts and user-interface components with a focus on usability and cross-device compatibility.

CodeAlpha Remote
Full-Stack Development Intern *July – Aug* 2026

- Developed web applications across frontend and backend components, working with API integration, databases, authentication, and deployment.
- Built an e-commerce application using Django REST Framework and PostgreSQL.
- Developed a web application using Python, Django REST Framework, and SQLite

Future Interns Remote
Cybersecurity Intern *April – May 2026*

- practiced vulnerability assessment with Nmap, phishing-awareness analysis, and API security weaknesses.
- Explored phishing threats and phishing-awareness techniques. Reviewed API security risks.

Projects

SheyiHub- React/TypeScript, Django/Channels, Full-Stack Architecture

- Developed a team collaboration and project-management application designed to centralize project organization, task coordination, and workflows in a single shared workspace. Structured features for grouping related work into projects and tracking task completion visibility across teams.
- Designed a multi-section application interface aimed at reducing the fragmentation of managing work across scattered notes and messages.

FlowDeck – **React, Kanban Workflows, Vercel Deployment**

- Built a visual project-management application centred on Kanban workflows to make task status, priorities, and project progress easier to manage immediately. Translated real-world productivity processes into an intuitive software interface for individuals and teams.
- Designed an interactive dashboard with task-state management, organizing work logically.

Amble - HTML, CSS, JavaScript, Python, Cloudflare Workers

- Built a modern e-commerce storefront for footwear and leather goods. Implemented product discovery workflows with name search and filtering capabilities to help customers navigate the catalogue. Designed a stock-aware shopping cart system paired with a streamlined checkout experience and order tracking.

Education

Cape Peninsula University of Technology Western Cape, SA
Diploma in Engineering Technology in Computer Engineering *completed (2024-2026)*
Bachelor of Engineering Technology in Computer Engineering *in progress*