

Blessing Luphahla

Full-Stack Developer · Mechatronics Engineering Student
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Brand / Portfolio: luxovatedigital.co.zw

Profile

Full-stack JavaScript developer and Mechatronics Engineering student at Saxion University with hands-on experience building and deploying web applications using the MERN stack, React Native, and Flask. Comfortable designing simple system architectures, working across frontend and backend, and integrating AI APIs into real products like an AI-powered study app, and looking for junior full-stack or frontend/mobile roles where shipped projects and problem-solving matter.

Technical Skills

Languages:

JavaScript (ES6+), Python, HTML5, CSS3, TypeScript (basic/learning)

Frontend:

React, React Native, Vite, Redux/Context API, Axios, Bootstrap, responsive / mobile-first design

Backend:

Node.js, Express, Flask, REST APIs, JWT authentication

Databases:

MongoDB, Firebase

Tools & Workflow:

Git, GitHub, VS Code, Postman, environment variables, basic DNS configuration, AI coding assistants (e.g. Copilot)

Deployment:

Vercel, Render, Git-based deployment workflows

Currently learning:

Docker, more advanced TypeScript, testing (Jest, React Testing Library), CI/CD pipelines

Featured Projects

AI-Powered Study App (In Progress)

Stack: React, Node.js/Express, MongoDB, AI API (Perplexity or similar)

GitHub: <https://github.com/BlessingLuphahla/study-app>

Full-stack app where students upload study material and generate AI-based practice questions, with export options for revision materials. Shows end-to-end feature building and AI integration in a real use case.

- Designed REST APIs for content upload and question generation
 - Integrated an LLM API to synthesize questions from user content
- Built a responsive React UI and wired frontend to backend with protected routes
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Social Media Platform

Stack: React, Node.js/Express, MongoDB, JWT

GitHub: <https://github.com/BlessingLuphahla/social-media>

Full-featured social web app with user authentication, profiles, posts, and interactions, demonstrating auth flows and frontend-backend integration.

- Implemented JWT-based authentication and secure session handling
 - Structured backend into controllers, routes, and middleware
- Built a responsive React UI with Redux/Context for state management
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Data Analysis Web App (Prototype)

Stack: Flask, Python, Bootstrap, CSV processing

GitHub: <https://github.com/BlessingLuphahla/data-analysis>

Web app prototype for uploading CSV files and viewing basic statistics and charts. Shows ability to work in Python/Flask and deliver simple analytics features.

- Built Flask backend with file upload handling and basic validation
 - Implemented statistical summaries and simple visualization output
- Used Bootstrap for a clean, responsive UI
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Experience

Founder & Developer – Luxovate Digital

2025 – Present · luxovatedigital.co.zw

- Created and run a personal brand focused on building and improving websites and web apps for small clients.
- Handle full lifecycle: scoping, simple UX design, frontend, backend, deployment, and basic maintenance.
- Use modern hosting (Vercel, Render) and Git-based workflows for client work.

Full-Stack Developer – Pakama Tech

Dec 2024 – Apr 2025

- Contributed to web application features using JavaScript, React, and Node.js/Express in a small team.
- Used Git branching, pull requests, and code reviews to collaborate on a shared codebase.
- Gained exposure to production deployments and debugging real issues.

Self-Taught Full-Stack Developer

2023 – Present

- Built multiple full-stack applications (e-commerce, booking system, social media clones) using MERN and related stacks.
 - Deployed projects to Vercel/Render and iterated based on feedback from users and peers.
 - Regularly use AI coding assistants to speed up development while keeping control over architecture and understanding of the code.
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Education

Bachelor of Mechatronics Engineering

Saxion University of Applied Sciences · 2025–2029

Relevant topics: system architecture, automation, IoT fundamentals, mechanics, programming.

Additional

Languages: English (fluent), Ndebele/Zulu (fluent)

Interests: Hip-hop music production, open-source, AI in web apps, system design