

# Blessing Lephahla

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Full-Stack Developer · Mechatronics Engineering Student  
Enschede, Netherlands

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**Brand :** [luxovatedigital.co.zw](https://luxovatedigital.co.zw)

**Portfolio:** [Blessing Portfolio](#)

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## 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.

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## 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

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## 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](https://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.

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## Additional

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

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