

Sphehile Innocent Mlanzi

AI Full-Stack Developer

Professional Details

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Professional Summary

AI Full-Stack Developer specializing in building intelligent, scalable web and mobile applications using modern full-stack technologies and AI-assisted development workflows. With a background in graphic design and 3D artistry, I bring strong user-centric thinking into software engineering. I have hands-on experience collaborating on real-world products such as CareerDash and BrainBox AI, contributing across development, testing, and deployment. My focus is on clean code, scalable architecture, performance, and practical AI integration to deliver production-ready systems that solve real-world problems.

Professional Experience

AI Full-Stack Developer — Culture Creative (Nov 2023 – Present)

- Collaborated on the development of the CareerDash web application, improving usability and system performance.
- Applied AI-assisted development techniques to translate requirements into efficient, production-ready implementations.
- Worked within a fast-paced startup environment, contributing across the full stack to scalable digital solutions.

Graphic Designer / 3D Artist — Pestro Projects (Mar 2022 – Apr 2024)

- Produced high-quality 2D and 3D visual content for branding, marketing, and digital campaigns.
- Collaborated with cross-functional teams to deliver client-focused creative solutions on time.
- Strengthened brand identity and online presence through visual storytelling and animation.

Projects

UniConnect — AI-Powered University Application Platform (AI Full-Stack Developer)

- Led end-to-end development of a cross-platform university application system for Grade 12 students.
- Built Flutter-based mobile frontend and backend architecture with AI-assisted workflows.
- Implemented automated form standardization, data extraction, and application orchestration.

Technical Skills

- AI-Assisted Development, Prompt Engineering, AI Integration
- JavaScript (ES6+), TypeScript, Dart
- React, Next.js (App Router), Node.js
- REST & GraphQL API Development
- Cloud Deployment (Vercel), Docker fundamentals

- Git, GitHub, VS Code, Cursor

Education

Bachelor of Commerce in Accounting (Incomplete) — University of Johannesburg (2019 – 2021)

National Senior Certificate — Sakhelwe High School (2010 – 2016)

Certifications

- Become an AI Engineer — LinkedIn Learning
- Career Essentials in GitHub — GitHub & LinkedIn
- Docker Foundations — Docker & LinkedIn
- Microsoft Azure AI Essentials — Microsoft & LinkedIn

Languages

English (Professional proficiency), isiZulu (Native)