

# SPHESIHLE INNOCENT MLANZI

AI Full-Stack Developer

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## PROFESSIONAL SUMMARY

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

## WORK EXPERIENCE

### AI Full-Stack Developer

*Culture Creative • November 2024 – Present*

Collaborated on the development of the CareerDash and BrainBox AI web applications, 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 • March 2022 – April 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.

## FEATURED PROJECT

### 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 & Development Tools:** AI-assisted development, prompt engineering, AI integration, AI workflow automation

**Back-End Development:** API development (REST & GraphQL), server-side development, Node.js, database design, authentication/authorization

**Front-End Development:** Modern UI development with React and Next.js (App Router), Flutter mobile development, responsive design, state management, performance optimization

**Programming Languages:** JavaScript (ES6+), TypeScript, Dart

**DevOps & Tools:** Git & GitHub, VS Code, Cursor, Docker, cloud deployment (Vercel), CI/CD pipelines

## **EDUCATION**

### **Bachelor of Commerce in Accounting**

*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

## **PROFESSIONAL COMPETENCIES**

Problem-solving and analytical thinking • Strong communication and documentation skills • Agile and iterative development methodology • Quick learner with ability to adapt to emerging technologies • User-centric design thinking

## **REFERENCES**

Available upon request