

# SPHESIHLE INNOCENT MLANZI

Full-Stack AI Developer

■ sphesihlemlanzi@gmail.com | ■ 0735634524 | ■ Johannesburg, South Africa

■ GitHub: github.com/Sphehleh124

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## PROFESSIONAL SUMMARY

Full-Stack AI Developer with hands-on experience designing, building, and deploying intelligent applications that integrate AI models, scalable back-end systems, and modern front-end interfaces. Specialized in turning complex problems into efficient, user-focused digital solutions using automation, data-driven intelligence, and cloud-based technologies. Strong expertise across the full development lifecycle—from system architecture and database design to AI integration, API development, and UI/UX implementation. Comfortable working independently or in cross-functional teams, delivering high-quality solutions optimized for performance, security, and scalability.

## WORK EXPERIENCE

### Full-Stack AI Developer

*Uniconnect • October 2025 – Present*

Full-Stack AI Developer behind UniConnect, a South African university application platform designed to streamline the Grade 12 application process. Responsible for end-to-end development of the system, including Flutter mobile frontend, backend architecture, AI-assisted form standardisation, automated data extraction, and application workflow orchestration. Designing scalable systems that integrate intelligent automation, secure data handling, and cross-platform performance to deliver a seamless and accessible student application experience.

### AI Developer

*Careerdash • April 2025 – July 2025*

Worked with a team of experienced developers building Careerdash, an AI-powered web and mobile CV maker application. Focused on front-end design and debugging, contributing to the development and deployment of AI-powered features for intelligent CV generation.

### Graphic Designer & 3D Artist

*Culture Creative Media • March 2022 – April 2024*

Executed freelance graphic design and 3D product animation projects, delivering creative visual solutions for various clients and marketing campaigns.

## TECHNICAL SKILLS

**AI & Machine Learning:** AI model integration (LLMs, generative AI, computer vision, NLP), prompt engineering, AI workflow automation, chatbots, content generation, model fine-tuning and optimization

**Back-End Development:** API development (REST & GraphQL), server-side development, database design (SQL & NoSQL), authentication/authorization, cloud services and serverless deployment

**Front-End Development:** Modern UI development, responsive design, web and mobile app development, state management, performance optimization, UI/UX implementation

**DevOps & Tools:** Git & GitHub, CI/CD pipelines, containerization, cloud deployment and monitoring

## EDUCATION

## **Bachelor of Commerce in Accounting (Incomplete)**

*University of Johannesburg • 2019 – 2021*

## **National Senior Certificate**

*Sakhelwe High School • 2010 – 2016*

## **LANGUAGES**

**English:** Intermediate proficiency | **Zulu:** Native speaker

## **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

## **INTERESTS**

Music, Football