# PUKWANA NASIPHI

Cape Town, Western Cape
[Email](#) | [LinkedIn](#) | [Portfolio](#)
Languages: English, IsiXhosa | Driver's License: Yes

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## Professional Summary

Detail-oriented and analytical AI Associate with a National Diploma in ICT (Cum Laude) specializing in Application Development. Experienced in Python, Java, and AI technologies through hands-on training at the Samsung Innovation Campus and real-world projects at CAPACITI. Strong technical foundation combined with effective collaboration, problem-solving, and communication skills. Passionate about building scalable, innovative AI solutions to address real-world challenges. Seeking opportunities in AI, software development, or data-driven roles within tech-forward environments.

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## Core Competencies

- **Programming:** Python, Java, JavaScript, SQL

- **AI & Machine Learning:** Scikit-learn, TensorFlow, Data Modelling

- **Data Analysis & Visualization:** Pandas, Seaborn, Matplotlib, Power BI

- **Software Tools:** Microsoft Word, Excel, PowerPoint, Access

- **Soft Skills:** Communication, Teamwork, Problem Solving, Analytical Thinking, Time Management

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## Professional Experience

### AI Associate
*CAPACITI | January 2025 – Present*

- Participated in real-world AI and software development projects to gain practical industry experience.

- Strengthened technical proficiency in Python, data structures, and machine learning fundamentals.

- Collaborated with teams to deliver project outcomes using agile principles.

- Enhanced communication and analytical problem-solving skills in a fast-paced environment.

### Java Programming Tutor
*Walter Sisulu University | January 2024 – December 2024*

- Delivered academic support for students learning Java programming concepts.

- Facilitated group discussions to enhance understanding and knowledge retention.
- Partnered with lecturers to tailor tutoring sessions according to course content and student needs.

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## Education

**National Diploma in ICT: Application Development**
Walter Sisulu University, 2024
*Graduated Cum Laude*

**Certificate in Business Management**
College of Cape Town, 2018

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## Projects & Achievements

**Spaza Shop App**

- Developed a mobile app to support informal traders with sales and stock management.

**CAPACITI Chatbot**

- Built an AI chatbot for internal CAPACITI use, designed to respond to FAQs and automate support.

**Awards**

- Top 2 Candidate at CAPACITI (2025)
- Graduated Cum Laude in National Diploma in ICT

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## Interests

- AI for Social Good
- Data-Driven Innovation

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## References

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