

TAPIWA PAWANDIWA

Software Engineer



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PROFESSIONAL EXPERIENCE

Software Engineer Working Student

Volkswagen AG, 2023 - 2024

- Supported full-stack development with API integration and frontend code using Svelte and TypeScript.
- Collaborated in pair programming sessions to optimise code quality and problem-solving.
- Designed and implemented animations to enhance UI/UX.
- Contributed to cybersecurity threat modelling and mitigation strategies.
- Developed and managed cloud infrastructure using AWS CDK. Tracked Project data with AWS CloudWatch.
- Wrote backend logic in Go to support application functionality.
- Operating in Agile and Extreme Programming Methodology

Helpdesk IT Support Technician

Rhodes University, 2019 - 2020

- Providing technical IT support to students
- Conducting Software Updates
- Troubleshooting operating system issues
- Software Installation
- Malware Removal

Software Engineering Intern

Singular Systems, 2019

- Built a Job Recruitment Portal Prototype
- Designed and Implemented both front-end and backend recruitment portal using C#, Microsoft SQL Server and React JS

EDUCATION

Master of Science in Computer Science

IU University | 2025

Berlin, Germany

Honours in Information Systems

Rhodes University | 2019 - 2020

South Africa

Bachelor of Science in Computer Science

IU University | 2017 - 2019

South Africa

SKILLS & PROFICIENCIES

- JavaScript, Typescript, React Native, React and Expo
- Python, SQL
- Sckit Learn
- HTML, CSS, Tailwind
- Supabase and AWS
- WordPress
- C#

Full Stack Mobile Development with React Native

Foundational to Intermediate Machine Learning Model Development.

Web Development

UI/UX Graphic Design with Figma

CERTIFICATES

Data Science with Python

University of Cape Town

Intermediate Machine Learning

Kaggle