

# TAPIWA PAWANDIWA

## Software Engineer



Phone: +4915223755526

Email: [tapiwataps14@gmail.com](mailto:tapiwataps14@gmail.com)

Portfolio: [tapiwa-pawandiwa.github.io](https://tapiwa-pawandiwa.github.io)

## PROFESSIONAL EXPERIENCE

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### 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

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### 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

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- 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

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### Data Science with Python

University of Cape Town

### Intermediate Machine Learning

Kaggle