

# KAMOGELO MATABANE

I am a recent motivated graduate in Honors Computer Science with a strong foundation in software development, full-stack , web application, backend systems and strong academic background in computer science. I developed a deep curiosity for learning and mastering new technologies. I view my career as a journey of continuous contribution as I am seeking a position to apply my skills with the aim of contributing and building high quality applications that solve real world problems while meeting the client's requirements, and growing as part of a dynamic and collaborative team.

## CONTACT



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## EDUCATION

### Cosmo seconday 1

National Senior Certificate 2021

### University of Zululand

2022 - 2024

BSC Computer science and Math

2025 - 2025

BSC Honors Computer science

## AWARDS & CERTIFICATIONS

- AWS cloud 101
- ICMLDE 2025
- Cisco Intro to packet tracer
- Introduction to Cybersecurity

## SKILLS

- Java
- java-script
- python
- Spring Boot (maven)
- Git(version control)
- Docker
- Linux
- Leadership
- agile

## PROJETS

### Event Management System

*JUNE 2024 - NOV 2024*

- Designed a Mern full stack project
- The system allowed authentication and verification with JWT, with real time notifications.
- The system was to eliminate manual Booking events and getting events in a central manner and eliminate distribution of physical fliers in the institution.
- As a tech lead in the project, to collaborate with my members git version control was used and the project was delivered on schedule meeting all the objectives and user requirement thus accomplishing the goal.

### ChatApp

*JAN 2025 - JUNE 2025*

- Built an MVP of Chat App
- Utilizing java spring boot as backend with authentication and jwt for backend with sockets and react.js frontend.
- Throughout this project, version control was utilized.

### Honors Research

*FEB 2025 - DEC 2025*

- Predicted fraudulent transactions on blockchain dataset using Machine Learning and Explainable Artificial Intelligence to increase the transparency of the decision that are made by the predictive Machine learning models specifically XGBoost and Random Forest classifiers, while measuring computational resources that are utilized by the XAI techniques.

### startuphub

*JAN 2026 - PRESENT*

- A central hub for startups and co-founders and investors to network
- java spring boot as backend and react.js as frontend.