

# PRINCE MOYO

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## PROFESSIONAL SUMMARY

BSc Computer Science and Business Computing graduate and software developer with a solid foundation in full-stack software engineering, systems analysis and design, and data analysis and visualization. Skilled in building end-to-end software solutions, translating business requirements into technical designs, and presenting insights through clear data visualizations. Highly adaptable, detail-oriented, and committed to continuous learning and professional growth.

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## TECHNICAL SKILLS

- **Languages:** C#, Java, Python, JavaScript & TypeScript, SQL
  - **Frameworks & Libraries:** .NET Core, NodeJS and ExpressJS and NestJS, React Native, React, Flask APIs
  - **Tools and Technologies:** Git and GitHub, Azure DevOps, Docker, Confluent Kafka, HangFire, Loki and Grafana.
  - **Databases:** SQL (MySQL, MS SQL), NoSQL (MongoDB)
  - **Other:** CI/CD, Cloud & Edge deployment concepts, Data Analysis and Visualization (Matplotlib, Tableau and Tableau Desktop), Agile Methodologies
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## EDUCATION

**BSc Computer Science and Business Computing** — University of Cape Town, 2025

**National Senior Certificate** — Thomas Nhlabathi Secondary School, 2019

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## WORK EXPERIENCE

**Graduate Software Developer - The Foschini Group (TFG)**

**February 2025 - Present**

- Developing new features, fixing bugs, and improving code quality under the guidance of senior developers.

- Working with other developers, designers, and project managers to understand requirements and implement solutions.
  - Continuously improving coding skills, learning new technologies, and understanding best practices through mentorship and self-study.
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## WORK PROJECTS

### **FreshService Service Management Integration Solution** — Backend Developer (.NET Core)

- One of two developers maintaining and enhancing an internal ITSM integration solution.
- Developed .NET Core services to integrate FreshService with internal systems.
- Implemented REST APIs, background jobs with Hangfire, and Kafka-based event streaming, managed secure configurations using HashiCorp Vault.
- I collaborate with my partner to ensure reliability, performance, and secure operations.

### **Employee Discount Management Solution** — Full-stack Developer (React & .NET Core)

- Developed backend and frontend features under senior engineer guidance.
  - Integrated multiple internal APIs and managed scheduled tasks with Hangfire.
  - I worked with relational databases for data storage, querying, and optimization..
  - Ensured clean, scalable code and efficient database operations.
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## PERSONAL PROJECTS

### **Univida Mobile App** — Solo Developer (React Native, Supabase)

Soon to be launched and published on Google Play Store and App Store

- Built a cross-platform mobile app to make university resources accessible to low-bandwidth communities in Mozambique.
- Developed frontend in React Native (Expo) and backend with Supabase (auth, database, file storage).
- Implemented offline-first functionality, secure access control, and real-time data synchronization.
- Designed a scalable, cost-effective architecture capable of supporting up to 1,000+ users.

### **SkyGenie** — Co-Developer (ML, Computer Vision, IoT Concepts)

- Working as one of two active developers (part of a three-member team) to design and build an intelligent security surveillance system aimed at assisting crime-prevention efforts in South Africa.

- Exploring, training, and integrating machine learning models for Object detection, Object tracking, Facial detection, Facial recognition etc
- Designing scalable architecture with edge computing in mind.
- Exploring IoT integration and low-latency, real-time data processing.
- Aiming to grow the project into a practical and impactful solution that can support safety initiatives through technology.