

# Lenah Nnoi Thoriso Maubane

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## PROFILE

Passionate and technically skilled ICT student specializing in software development, mobile apps, and cloud technologies. Currently pursuing an Advanced Diploma in ICT: Application Development.

### Technical Skills

Programming Languages: Java, C#, Kotlin, JavaScript, HTML, CSS, SQL

Databases: MongoDB (NoSQL), MySQL, SQLite, Firebase

Tools: Git, GitHub, Postman, Visual Studio Code, Android Studio, NetBeans

Web and App Development: REST APIs, CRUD operations, Responsive UI Design

Cloud & Backend: Node.js, Firebase, Render

Methodologies: Agile (Scrum), SDLC, Unit Testing

### Soft Skills

Time Management

Communication & Interpersonal Skills

Flexibility & Adaptability

Complex Problem Solving

## ADDITIONAL SKILLS

### Languages:

- Setswana Home language
- English (Advanced level)
- Isindebele(Basic Level)
- Swati (Basic level)
- IsiZulu (Basic level)

Proficient in Word, Excel and PowerPoint

Skills Proficient: Research and Academic Writing

## EDUCATION

### Advanced Diploma in ICT: Application Development

University of Mpumalanga (UMP) | Expected Completion: 2025

### Diploma in Information Technology: Software Development

Rosebank College, IIE | Completed: 2023

### Senior Certificate (Matric)

Mabothe Senior Secondary School | 2019

**Subjects:** Mathematics, Business Studies, Accounting, English FAL, Economics, Setswana HL, Life Orientation

## ACHIEVEMENTS

### Projects

MediConnect / MediFiles Android Application Suite

Role: Full-Stack Android Developer | March 2025 – Present (In Progress)

- Building an integrated Android-based solution using Android Studio for managing patient records, appointments, and clinic workflows

#### **Patient App (MediConnect):**

- Developed with Kotlin and connected to a MongoDB (NoSQL) backend hosted on Render
- Allows patients to create accounts, manage profiles, and request appointments
- Features include secure login, appointment history, and report generation using MongoDB Aggregation Pipeline

#### **Staff & Admin App (MediStaff):**

- Built using Android Studio and Kotlin for nurses, doctors, and administrators
  - Enables staff to view, approve, or decline appointments, and access patient medical histories
  - Role-based access for doctors, nurses, and admin users
  - Admin functionality includes adding/editing staff members, uploading qualifications, and generating summary reports
  - Uses mock data and real-time UI updates to simulate cloud syncing and server behaviour
- Both apps use Git and GitHub for version control
  - UI designed with responsive layouts and material components
  - Project follows Agile principles with regular feature iterations and testing

### **Git & GitHub Workflow Mastery**

- Collaborated on group projects using GitHub and Git CLI
- Practiced advanced version control: branching, merging, pull requests, conflict resolution

## CERTIFICATES

- Cisco Python Essentials 1 (Completed)
- Cloud Computing Certificate (In Progress at ALX Pathway Academy)
- Full stack developer (FNB app academy)