

# Mongezi Masombuka

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Github: <https://github.com/MongeziMasombuka>

Pretoria (Tshwane) / Ekurhuleni

## OBJECTIVE

Final-year Computer Science student passionate about software development, seeking to contribute to impactful tech solutions and grow as a full-stack developer.

## EDUCATION

### Diploma in Computer Science

Tshwane University of Technology — Pretoria — Final Year

### Major Fields:

Software Engineering (Programming): Java, Java JEE (Servlets, JSP, EJB)

Mobile Development: Android (Java/Kotlin)

Business Analysis and Modelling: UML, BPMN, Agile methodologies, requirement gathering tools etc.

Database Development and Administration: Oracle, PL/SQL

## TOOLS & TECHNOLOGIES

### Programming Languages:

JavaScript, Java, Python, TypeScript, HTML, CSS, SQL, PL/SQL

### Frameworks & Libraries:

Node.js, Express.js, Next.js, React.js, Tailwind CSS, Mongoose, Prisma, Django, Flask

### Database Technologies:

Oracle, MongoDB, PostgreSQL, MySQL

### Operating Systems:

Linux, Windows

## PROJECTS

### Property Pulse — Full-Stack Real Estate Web App

[GitHub](#) | [Live Demo](#)

**Technologies:** Next.js, MongoDB, Tailwind CSS, Cloudinary

- Developed a web app for browsing and managing rental property listings.
- Integrated Google OAuth using NextAuth.js for secure user authentication.
- Handled property image uploads via Cloudinary and built user dashboards.
- Designed responsive UI using Tailwind CSS and improved frontend-backend integration.

### Book Summary API — Backend Project

[GitHub](#)

**Technologies:** Node.js, Express, MongoDB, Mongoose, REST API

- Built a RESTful API for managing book summaries with full CRUD functionality.
- Implemented secure user authentication and access control for protected routes.
- Practiced data modeling using Mongoose and tested endpoints with Postman.
- Strengthened skills in backend architecture and API design.

## REFERENCES

Available upon request.