



Thapelo Phuti Mashao

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LinkedIn

<https://www.linkedin.com/in/thapelo-mashao-194605218/>

Github

<https://github.com/ThapeloMas>

Portfolio

<https://thapelomas.github.io/>

Professional summary

Full Stack Developer and Data Analyst with a robust background in creating data-driven solutions, Designing and optimizing workflows. Skilled in leveraging Python, JavaScript, and data visualization tools to derive actionable insights, drive efficiency, and support business objectives.

Professional experience

Academic or Personal projects

- ✓ *Developed a Python-based Project for complex Physics equation using Pandas and MATLAB.*
- ✓ *Designed and deployed a web application to visualize customer data trends, integrating MongoDB and React.js.*
- ✓ *Developed mobile apps using React native and firebase as my backend for Android devices*

Education

Bsc in computer Science and physics, [Northwest University], [Mafikeng], [South Africa]

Completed November 2024

Other Certificates

Full stack web and Mobile apps Dev [Mlab Codetribе], [Tembisa EWC], [South Africa]

July [2024] – current

Languages

English (Fluent)

Sepedi (Native)

Technical Skills

Front end

- ✓ HTML, CSS, BOOTSRAP, TAILWAND CSS, JAVASCRIPT, TYPE SCRIPT, React js, React Native

Database Management

- ✓ Node js, Firebase, Mongo DB, Rest API, SQL LITE, MYSQL DB

Programming language and Scripting

- ✓ Java, C++, PYTHON, CISCO PACKET TRACER, JAVA SCRIPT, SQL

Authentication & Authorization

- ✓ JWT, Firebase Auth

Data Analysis & Visualization

- ✓ Python, JavaScript, Pandas, Excel, Matplotlib and PowerBI

Web Services & API Development

- ✓ RESTful APIs, JSON

Agile Methodologies & Version Control

- ✓ Git and GitHub

UI/UX For designing

- ✓ Figma and Canva

Soft Skills

- Microsoft office
- Google Analytics
- Slack
- Problem solving
- Teamwork
- Adaptive and flexible
- Communication Skill
- Time management
- Continuous Learning
- SCRUM

Practical skills

Projects Sales Data Dashboard (Power BI & Python)

- ✓ Designed and implemented a data dashboard using Power BI to visualize sales trends.
- ✓ Automated data extraction and cleaning using Python and Excel

- ✓ *Developed a Python-based Project for complex Physics equation using Pandas and MATLAB*

customer data to uncover purchase trends and actionable insights.

- ✓ Developed predictive models to guide marketing strategies.

Web Application for Resource Management (React, React Native, MongoDB & Firebase)

- ✓ Built a full-stack web app and mobile apps for tracking resource allocation using React, React Native and Firebase.
- ✓ Integrated RESTful APIs for Realtime data updates.

Hobbies and interests

- Gaming.
- Passionate about reading, especially books on Coding