

Lethabo Maepa, BSc Information Technology

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Summary

I am a BSc Information Technology student at North-West University with hands-on experience in full-stack web development. I've led multiple student tech projects and served as Tech & Innovation Lead for the Geekulcha Student Society (GKSS). Passionate about solving real-world problems through clean, scalable, and impactful code, I enjoy collaborating with teams and continuously learning new technologies. I'm currently seeking graduate or junior developer roles where I can grow across both frontend and backend environments.

Key Skills

Eager to learn | Problem-Solving | Communication | Adaptability | Organized | Customer-centric | Web development | Software development | Databases | HTML5/CSS3 | JavaScript | Responsive Web Design | Version Control (Git) | Team Collaboration |

Technical Skills

Languages: Java, Python, C#, SQL, JavaScript, HTML/CSS
Frameworks: React, Node.js, Next.js, Sveltekit, React Native
Developer Tools: Git, VS Code, Android Studio, Visual Studio Code

Academic Background

Bachelor of Science in Information Technology

North West University, Vanderbijlpark

Expected Graduation: 2026

- Relevant Coursework: Web Development ASP.NET, Structured Programming, Data Structures, Algorithms, Database Systems, System analysis and Design, Java OOP

Projects

Click & Kos | *Next.js, Supabase PostgreSQL, Postman*

<https://click-kos.netlify.app>

Final year Group Project, Aug 2025 – Oct 2025

- Led two teams (frontend and backend) to build an online campus cafeteria ordering system.
- Mentored less-experienced developers, providing learning resources and guidance.
- Delivered a fully functional system on time, impressing the project manager.

GKSS Portal | *Sveltekit, PostgreSQL, Mail Smtplib, Groq AI inferences*

<https://nwu-vaal-gkss.netlify.app>

Group Project, 2024 – March 2025

- Developed a portal enabling GKSS leaders to engage members, post announcements, host events, and run quizzes.
- Facilitated the 2025 internal hackathon through the portal, allowing solution submissions and resource sharing.
- Built the leadership application system to automate recruitment processes.
- Open-sourced the portal for other GKSS chapters (e.g., GKSS-TUT), enabling them to self-host and customize the platform.
- Recognized by Geekulcha and nominated for the COO Award for Best Tech Lead across GKSS chapters.

ThutoAndTseboTrust website | *Next.js, JavaScript, Mail Smtplib*

<https://thutoandtsebotrust.co.za>

Freelance Project, 2024

- Designed and developed a student housing website for a client
- Streamlined student applications and improved their management process
- Increased client's application volume through an improved online experience.
- Managed the client's DNS configuration and deployment.

PotchStream Hotel | *ASP.NET, C#, SQL Server, HTML*

<https://github.com/lethabomaepa11/cmpg223project>

Group Project, 2024

- Led the development of a hotel booking system using structured system analysis and design methodologies.
- Produced a fully functional system and achieved high academic marks for the project.

Leadership & Extracurricular Activities

Tech and Innovation Lead

Oct 2024 – Oct 2025

GKSS-NWU | Vanderbijlpark | <https://nwu-vaal-gkss.netlify.app>

- Advised the executive team on emerging technologies for student projects and career growth.
- Led the open-source agenda, encouraging students to explore and use modern development tools.
- Recognized and nominated for the Geekulcha COO Award for outstanding technical leadership

G20 Tourism Hackathon Participant (Frontend Developer)

Sept 2025

G20 & Dept of Tourism | Mpumalanga, Skukuza | <https://kasikhaya.vercel.app>

Geekulcha Annual Hackathon 2025

Sept 2025

Geekulcha | Gauteng, Centurion | <https://agroconnectsa.netlify.app>