

Lethabo Maepa, Graduate Software Engineer | Full-Stack Developer

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Midrand, Johannesburg, Gauteng, South Africa

Summary

Graduate Software Engineer with a BSc in Information Technology and hands-on experience developing enterprise and web applications using modern full-stack technologies. Currently contributing to client-facing software projects, collaborating with business analysts, stakeholders, and development teams to deliver business solutions. Experienced in building scalable applications, internal productivity tools, and leading technical initiatives through previous experience as Tech & Innovation Lead for the Geekulcha Student Society (GKSS).

Soft Skills

Problem Solving | Communication | Adaptability | Organization | User-Centric Thinking | Collaboration | Reliability | Systems Thinking

Technical Skills

Languages: Java, Python, C#, SQL, JavaScript, TypeScript, HTML/CSS

Frameworks & Libraries: React, Node.js, Next.js, Sveltekit, React Native (Expo), ASP.NET Core, ABP Framework

Developer Tools: Git, VS Code, Android Studio

AI-Assisted Development: Claude, Codex, CodeRabbit, OpenCode

Areas of Expertise: Frontend, Backend, Full-Stack

Experience

Graduate Software Engineer | Boxfusion Pty Ltd

Graduate Programme, Feb 2026 – Jan 2027

- Assigned to a client-facing enterprise software project as the primary developer.
- Collaborated with business analysts and stakeholders to design and implement business process automation solutions.
- Developed end-to-end workflows, data management features, and administrative functionality.
- Built solutions using the internal Shesha framework and contributed to resolving framework-related issues during project delivery.
- Created an internal AI-assisted development workflow that reduced repetitive development tasks and improved team productivity, gaining recognition across the company.

Projects

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

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

Final year Group Project, Aug 2025 – Oct 2025

- Led frontend and backend teams to develop an online campus cafeteria ordering system.
- Mentored 4 junior team members by providing learning resources and technical guidance.
- Delivered the system on schedule and achieved a 90% User Acceptance Testing (UAT) score.

GKSS Portal | *Sveltekit, PostgreSQL, SMTP, Groq AI API integrations*

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

Group Project, 2024 – March 2025

- Developed a portal enabling GKSS leaders to engage 100+ members, post announcements, host events, and run quizzes.
- Facilitated the 2025 internal hackathon with 20 participants through the portal, allowing solution submissions and resource sharing.
- Reduced the recruitment process by 50% by automating it through the portal.
- Offered the portal to 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.

Education

Bachelor of Science in Information Technology

North West University, Vanderbijlpark - Graduation: 2025

- Relevant Coursework: Web Development (ASP.NET), Structured Programming, Data Structures & Algorithms, Database Systems, Systems Analysis and Design, Object-Oriented Programming (Java)

Leadership & Achievements

- Tech & Innovation Lead, Geekulcha Student Society (GKSS-NWU) - Oct 2024 - Oct 2025
Led technical initiatives, developed the GKSS portal, and supported student innovation activities.
- G20 Tourism Hackathon Participant - G20 & Department of Tourism - Sept 2025
Developed Kasikhaya, a tourism-focused digital solution.
- Geekulcha Annual Hackathon 2025 Participant - Sept 2025
Developed AgroConnectSA as part of a hackathon team.
- Nominated for Geekulcha COO Award for Best Tech Lead across GKSS chapters.