BOIKHUTSO MASHIGO

STUDENT SOFTWARE ENGINEER

391 GA-MOTLA,0407, TEMBA | **https://www.linkedin.com/in/boikhutso-mashigo-b8327534b** | **https://github.com/Boikhutso7**

SUMMARY

Final-year Software Engineering student with a proven ability to develop software solutions through a rigorous, project-based curriculum. Currently specializing in Data Engineering. Adept at problem-solving, collaborative development, and effectively communicating technical concepts. Eager to apply my strong foundation in Java, Python, and Agile methodologies to contribute to a dynamic engineering team as a Software Engineer Intern.

PROFESSIONAL EXPERIENCE

Placement Facilitator | WeThinkCode volunteer   **Oct 2025 - Present**

- **Event Management & Stakeholder Engagement**: Spearheaded the planning and execution of key employability events, including career fairs and mock interviews, enhancing the student-to-industry connection.
- **Relationship Management:** Cultivated and maintained strong, professional relationships with employer partners, ensuring continued participation and engagement.
- **Collaboration & Strategy**: Actively participated in strategic placement team meetings, aligning event objectives with overall campus career development goals.

PROJECTS

Portfolio Website

- Developed a responsive, single-page portfolio website from scratch to showcase skills and projects
- Implemented interactive features using vanilla JavaScript to improve user engagement.
- Deployed and hosted on Netlify with continuous deployment from the GitHub repository

Brownfields Project

- Collaborated in a 4-person team to extend and refactor a legacy Java application using Agile methodologies.
- Utilized Maven for dependency management and integrated CodeScene for code quality analysis within a CI/CD pipeline, gaining hands-on experience with industry-standard development practices.
- Engineered and optimized SQLite database queries to improve data retrieval performance.
- Applied Object-Oriented Programming principles to enhance code maintainability and scalability

SKILLS

- **Programming Languages:** Python, Java, JavaScript, HTML, CSS
- **Databases:** SQL, SQLite
- **Tools & Technologies:** Git, GitHub, GitLab, Docker, Linux, Maven, VScode, IntelliJ, CI/CD
- **Concepts & Methodologies:** Agile Methodology, OOP, TDD, Functional programming, Debugging, Brownfields/ Greenfields development, Data Structures and Algorithms

EDUCATION

- **Occupational Certificate NQF Level 6: Software Engineer**
  WeThinkCode|Expected Graduation: Sep 2026

- **National Senior Certificate NQF Level 4: Matric**
  Motshegoa Secondary School|

CERTIFICATIONS

Programming & Technical Skills

- Java Basic Certificate | HackerRank | Sep 2025 | Credential ID: aba9fb184d57
- Python (Basic) Certificate | HackerRank | Apr 2025 | Credential ID: 2AEBFD746460
- Cloud Computing Fundamentals | IBM SkillsBuild | Apr 2025
- GenAI Course Certificate of Completion | WeThinkCode | Sep 2025

Professional Development

- Google Agile Essentials | Coursera | Aug 2025
- Working in a Digital World: Professional Skills | IBM SkillsBuild | May 2025