

KGANYA MALEKA

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Inspiring Software Developer

Driven and adaptable Software Developer with a robust foundation in software development, eager to make a meaningful contribution as an intern. Dedicated to continuous learning and skill enhancement, I have hands-on experience in designing and optimizing full-stack applications. I am passionate about harnessing technology to develop innovative solutions, and I thrive in collaborative, fast-paced environments where creativity and problem-solving intersect.

PERSONAL PROJECTS & INDEPENDENT LEARNING

January 2024 – present

- Engaged in independent projects using Java, Python, SQL, HTML and JavaScript to enhance my development skills.
- Refactored and optimized legacy codebases in simulated environments, focusing on improving performance and scalability.
- Collaborated on open-source projects and participated in online communities to troubleshoot issues and learn best practices.
- Implemented CI/CD pipelines and Docker-based setups for personal projects to deepen my understanding of DevOps.

EDUCATION

Software Engineering NQF 5

September 2023 – December 2024

WeThinkCode

Trained in software engineering, emphasizing Agile methodologies, object-oriented design, and full-stack development. Gained proficiency in Java, Python, and web technologies, while developing collaboration and problem-solving skills through hands-on projects.

SKILLS

- **Programming Languages:** Java, Kotlin, Python, JavaScript, CSS, HTML
- **Development Tools:** IntelliJ IDEA, Android Studio, GitHub/GitLab, Maven, Gradle, Visual Studio Code.
- **Technologies:** Docker, CI/CD Pipelines, SQL Databases, RESTful APIs, Web Security Practices
- **Core Concepts:** Data structures and Algorithms, Object-Oriented Programming (OOP), Design Patterns, Agile Methodologies, API Development, Multithreading, Continuous Monitoring, DevOps Practices
- **Learning-Oriented:** Passionate about expanding IT knowledge and hands-on problem-solving.
- **Adaptability & Stress Management:** Thrives in dynamic environments and quickly adapts to new challenges
- **Team Collaboration:** Experienced working with diverse teams to deliver high-quality software solutions.
- **Planning & Organizing:** Able to manage multiple tasks efficiently.

HONORS & AWARD

Borderles hackathon 1st place

September 2024

Recognized for spearheading a groundbreaking GEO-AI solution and transformed environmental data integration in just 48 hours at a competitive hackathon. My strategic vision and swift adaptability delivered a high-impact, scalable solution leveraging cutting-edge geospatial technology and AI.

WeThinkCode Top 50

August 2024

Recognized among the top 50 students in my cohort for excellence in Object-Oriented Programming (OOP) and architectural design. I transitioned from Python to Java, mastering advanced design patterns and consistently delivering robust, scalable solutions that exceed project expectations.

VOLUNTEERING

Geekulcha

March 2023 – present

Mentor, Assitance

Actively involved in organizing transformative hackathons and tech events that have inspired and provided guidance to young African developers.