ANTONETTE MHANDU

SOFTWARE ENGINEER

antonetteliebe@icloud.com | github.com/nettemhandu

linkedin.com/in/antonette-mhandu

Johannesburg, Gauteng

Summary

Software Developer with a passion for Quality Assurance and Front-end Development. Skilled in Java, Python, SQL (Structured Query Language), and web APIs, with experience in OOP (Object Oriented Programming), databases, testing strategies, and agile methodologies. I enjoy turning complex problems into simple, elegant solutions and building software that looks good, works seamlessly, and stands up to real-world testing. A strong team player, curious, collaborative, and always learning. I thrive in environments where innovation and problem-solving drive results, often fueled by a good cup of coffee.

Experience

Rags and Lace | Data Entry Clerk   **Jan 2023 – Dec 2023**

- Managed inventory and client records, focusing on consignment items
- Organized incoming stock and tracked sales using Excel
- Maintained up-to-date records to ensure smooth operations and accurate reporting
- Supported efficient store operations and informed business decisions

Rags and Lace | Social Media Manager   **Jan 2020 – Dec 2023**

- Managed the store's online presence, increasing reach and engagement across platforms
- Created engaging content and interacted with customers, boosting brand awareness
- Developed and executed social media strategies that drove sales growth
- Analyzed performance metrics to optimize campaigns, expanding audience and revenue

Education

WeThinkCode_   **Sept 2024 – Dec 2025**
Software Engineering NQF6

Johannesburg Polytech Institute | High School   **Jan 2013 – Nov 2017**
National Senior Certificate - NQF4

Skills & abilities

Technical Skills

- Programming: **Java, Python, SQL, C#**

- Front-End: **HTML, CSS, JavaScript**

- Frameworks: **Javalin, Flask, .Net**

- Databases: **Relational Databases (MySQL, PostgreSQL, EoD SQL)**

- APIs: **RESTful Web APIs, JSON, XML**

- Testing & QA: **Unit Testing, Acceptance Testing, JUnit, Pytests, Test Automation Basics**

- Tools: **Git/GitHub, Agile Methodologies, Excel & Data Management**

Soft Skills

- **Collaboration & Teamwork** – proven in hackathons and group projects

- **Problem-Solving & Critical Thinking** – turning challenges into workable solutions

- **Adaptability & Continuous Learning** – quick to grasp new tools and technologies

- **Attention to Detail** – strong QA focus ensures quality deliverables

- **Communication** – clear and confident, both technical and non-technical

- **Creativity & Design Thinking** – user-focused approach to software solutions

Projects

Her Jozi Circle | Personal Project

- Designed and developed a **community-driven platform** to connect and empower women in Johannesburg

- Built and deployed **front-end features** and integrated a **SQL relational database** for user data management

- Managed the **full development cycle**: planning, coding, testing, and deployment, using Agile-inspired workflows

- Delivered a **responsive, user-friendly design** to ensure accessibility across devices

- Brought the project to life with the same curiosity and persistence I bring to every challenge—often while sketching ideas over a strong coffee

Mukuru Hackathon | Participant
48-hour Hackathon – 2025

- Developed a **Rewards Hub prototype** within 48 hours, focused on customer engagement and loyalty features

- Implemented **front-end functionality** and integrated **database-driven components** for reward tracking

- Collaborated in a **fast-paced, high-pressure environment**, applying problem-solving, adaptability, and agile workflows to meet tight deadlines

- Learned the value of balancing speed with precision

Reference Available Upon Request.