

# SICELO LAWRENCE MABASA

## SOFTWARE ENGINEER

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[Email](#)



[Portfolio](#)



[git](#)

[GitHub](#)



[LinkedIn](#)

### SUMMARY

Versatile software engineer with a strong foundation in front-end and back-end development. A top-performing bootcamp graduate, currently expanding technical skills while transitioning from a successful career in quantity surveying to software development.

### SKILLS SUMMARY

**Technical Skills** :REST API, Django developer, HTML, CSS, JavaScript, Project Management, OOP, Python Programming

**Soft Skills** : Communication skills, Organisation skills, teamwork, problem solving skills and critical thinking

### WORK EXPERIENCE

#### BrainTrust

(Freelance • AI Trainer)

Mar 2025 - Present

- Assist different types of AI to improve human responses and interaction
- Test and challenge AI on different scenarios. Problem solving skills and critical thinking skills used to challenge AI and teach different AI to solve unique issues
- Train AI to produce best code for different scenarios

#### Molamu Marjories JV

Sep 2022 - Mar 2025

(Contact • Quantity Surveyor and Solar Technician)

- Managed end-to-end solar projects for residential clients, transitioning systems from backup to fully off-grid. Applied project management and problem-solving skills to scope, design, and execute solutions. Led teams, controlled budgets, and ensured timely, sustainable energy delivery.
- Conducted construction cost evaluations, variation orders, project claims, cost estimation, prepared and analyzed Bills of Quantities, and provided cost advisory services. Specialized in documentation, financial reporting, and resolving cost-related issues through analytical problem-solving.

#### Obselite (Pty) Ltd

Feb 2020 - Present

(Owner • Entrepreneur)

- Manage full team of engineers. Development of new projects from robotics, software development, product testing. Problem solving and inventing new ideas and economic solutions
- Invention, business planner and strategist software development project management

### EDUCATION

#### Software Engineering

Jan 2025 - Apr 2025

Stellenbosch University Partnered with HyperionDev

- Python Coding, Software Engineering practices, Software Process, Quality Management, Version Control, Software Documentation, and Agile Development
- OOP classes, OOP inheritance, SQL, Databases and Python

### PROJECTS

- **Bootcamp Projects** : Software Engineering projects from Stellenbosch University and HyperionDev.