

# SAMANTHA TUSO MASARA

## Junior Developer

Email: [samymasara@gmail.com](mailto:samymasara@gmail.com) | Phone: +263 78 008 1731 | Location: Zimbabwe (Remote) | [LinkedIn](#) | [GitHub](#)

### PROFESSIONAL SUMMARY

Junior Developer building and maintaining **3 live web and mobile applications** (React, React Native, TypeScript) in a fully remote agile team, owning frontend, mobile development, and CI/CD deployment. Led an on-site product rollout, training **16 end users** across multiple roles and translating feedback into shipped improvements. Comfortable delivering across time zones with strong written communication.

### WORK EXPERIENCE

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| <b>Junior Developer</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Oct 2025 – Present  |
| <i>Index eSolutions   Fully Remote</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     |
| <ul style="list-style-type: none"><li>Build and maintain <b>3 live web and mobile applications</b> (React, React Native) published on the Google Play Store and web, integrating backend services through REST APIs for a growing user base across mobile and web platforms.</li><li>Own day-to-day defect resolution across all three products as the allocated developer, performing code inspection and root-cause analysis; escalate critical production and backend issues to senior engineers with documented findings.</li><li>Led the on-site rollout of the Famalink app, delivering hands-on training to <b>16 end users across multiple user roles</b> and converting their feedback into product improvements.</li><li>Ship through sprint planning and CI/CD pipelines.</li></ul> |                     |
| <b>Team Lead — Capstone Systems Project</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Feb 2024 – Oct 2024 |
| <i>University of Pretoria   Pretoria, South Africa</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     |
| <ul style="list-style-type: none"><li>Led a <b>team of 5</b> delivering a client-facing information system, owning requirements analysis, planning, and direct stakeholder communication throughout the project.</li><li>Contributed to system design, database architecture, testing, and technical documentation using Angular, C#, and Microsoft SQL Server; presented outcomes aligning business requirements with technical implementation.</li></ul>                                                                                                                                                                                                                                                                                                                                     |                     |
| <b>Junior Mentor → Senior Mentor, EBIT Faculty (JCP)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Feb 2024 – Oct 2025 |
| <i>University of Pretoria   Pretoria, South Africa</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     |
| <ul style="list-style-type: none"><li>Promoted to Senior Mentor coordinating <b>3 junior mentors</b>; adapted written and verbal communication for technical and non-technical stakeholders.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     |

### EDUCATION

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| <b>BCom Honours: Information Systems</b>   University of Pretoria | 2025 |
| <b>BCom: Informatics</b>   University of Pretoria                 | 2024 |

### SKILLS

**Technical Skills:** React & React Native, TypeScript & JavaScript (Angular), REST API Development & Integration, SQL & Microsoft SQL Server, Git & GitHub, CI/CD & Deployment, Debugging & Root-Cause Analysis

**Interpersonal Skills:** Remote Collaboration, Stakeholder Communication, Requirements Analysis, Technical Documentation, User Training & Support, Agile Delivery

### PROJECTS

- Freezer (Android)** — open-source native Android app that freezes apps at the OS level without root via the Shizuku API. Built with Kotlin and Jetpack Compose; available on GitHub.
- Personal portfolio website** — designed, built, and deployed via Vercel.