Simanye Somdaka

SOFTWARE ENGINEER | BACKEND & CLOUD FOCUSED

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SUMMARY

Detail-oriented Software Engineer with strong engineering principles focused on backend and cloud development. Experience in leading teams, system optimization, and creating scalable, secure solutions with expertise in cloud infrastructure design and quality assurance.

PROFESSIONAL EXPERIENCE

PRODUCT & QA INTERN Beeline, Cape Town (Remote) | **June 2025 - September 2025**

• Improved platform quality through QA testing, user journey reviews, and structured reporting.
• Delivered on ADAPT prioritization by refining and implementing the updated Playbook.
• Supported QA automation across top flows, reducing manual testing overhead.
• Built internal Notion tools to improve workflow visibility, decision-making, and progress tracking.
• Served as DRI on Support contributions, driving cross-functional collaboration in Agile sprints.

SOFTWARE ENGINEERING INTERN LC Studio, Cape Town | **September 2024 - June 2025**

• Led frontend development using Flutter while providing backend architecture consultation
• Recommended AWS Lambda, S3, Kubernetes, and Docker for hosting and CI/CD solutions
• Designed scalable architecture with emphasis on security and performance optimization
• Developed RESTful API integrations with optimized caching reducing load times by 30%
• Mentored teammates and drove engineering best practices in Agile environment

FULL-STACK DEVELOPER (CAPSTONE PROJECT) Life Choices Academy, Cape Town | **August 2024 - September 2024**

• Built full-stack solution using Vue.js, Node.js, Express.js, and MySQL
• Implemented JWT authentication, role-based access control, and secure token refresh
• Created RESTful APIs for real-time stock market data processing
• Deployed using Firebase Hosting with automated data updates via GitHub Actions

EDUCATION

DIPLOMA IN ICT: APPLICATIONS DEVELOPMENT Cape Peninsula University of Technology | **January 2025 - Present**

CODING COURSE (FULL-STACK) Life Choices Academy | **April 2024 - September 2024**

COURSES AND CERTIFICATES

AWS SKILLS CENTER - CLOUD PRACTITIONER: FOUNDATIONS Amazon Web Services | **Issued: November 2024**

PYTHON & C++ ESSENTIALS Cisco Networking Academy | **Issued: November 2024**

LC STUDIO ACHIEVEMENT - SCRUM & UI/UX LC Studio | **Issued: October 2024**

SKILLS

• Backend & APIs: Node.js, Express.js, Fastify, Python, Flask, Java (Spring Boot), RESTful APIs, System Architecture, API Security (JWT) |
• Cloud & DevOps: AWS (EC2, S3, RDS), GitHub Actions (CI/CD), Docker, Firebase, Cloud Infrastructure Design |
• Databases: PostgreSQL, Prisma ORM, MySQL, SQL, Database Design, RDBMS |
• Tools & Methodologies: Git, GitHub, Postman, Agile/Scrum, QA Testing, AI-Assisted Development (Claude/Copilot) |
• Frontend (Capable): JavaScript, TypeScript, Vue.js, React, Flutter

LANGUAGES

English | Xhosa | Afrikaans | Sotho

REFERENCES

AVAILABLE UPON REQUEST