MOTHEO TRAVIS MOKGOAABONE

Junior Software Developer

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LINKS

LinkedIn | GitHub | Portfolio & Projects

SUMMARY

Results-driven Junior Software Developer (BEngTech, CPUT) with hands-on experience in Python, Java, C# and SQL, currently advancing full-stack development skills with emphasis on backend technologies and cloud-native solutions. Delivered high-accuracy data annotation for financial documents in a regulated environment, demonstrating strong attention to detail and quality control standards. Proficient in SDLC methodologies, version control (Git), and collaborative agile workflows. Experienced with database integration, secure coding practices, and AI-assisted development tools. Eager to leverage technical problem-solving abilities and financial services exposure to deliver reliable, well-tested code in production banking environments.

TECHNICAL SKILLS

Programming Languages: Python, Java, C#, JavaScript, SQL, Kotlin (exposure)

Frameworks & Technologies: Django (learning), HTML, CSS

Cloud & DevOps: Google Cloud Platform, Docker (exposure), AWS (familiar), Kubernetes (learning)

Development Tools: Git, IntelliJ IDEA, VS Code, Apache NetBeans, Document AI

Specialisations: Backend Development, Database Systems, SDLC, Secure Coding Practices, AI-Assisted Development

Domain Knowledge: Financial Services, Regulated Environments, IoT & Network Protocols, Machine Learning (AI)

PROFESSIONAL EXPERIENCE

Java Software Developer Trainee | Mecer Inter-Ed | Midrand

2026 — Present

- Undergoing intensive hands-on training in software development with focus on backend technologies, object-oriented programming (OOP), and secure coding practices for production environments.

-Developing and testing Java applications including console-based and GUI solutions, applying SDLC principles throughout analysis, development, testing, and debugging phases

- Integrating SQL databases with applications, implementing data validation and exception handling to ensure code reliability and quality control standards

- Leveraging AI-assisted development tools to accelerate delivery, deepen technical understanding, and continuously improve code quality

- Gaining practical exposure to Cybersecurity fundamentals, including secure coding practices, threat awareness, and security concepts critical for regulated environments

- Collaborating on cross-functional team projects using Git version control with structured workflows (issues, branches, pull requests) to deliver maintainable, production-ready solutions

- Building foundational knowledge in Artificial Intelligence concepts, use cases, and problem-solving approaches

AI Training Data Annotator [Document Tagger] | Sprinthive (Pty) Ltd | Cape Town

2024 — 2025

- Labelled and validated financial documents (payslips, bank statements, IDs) using Document AI and internal tooling, sustaining high precision under QA review in a regulated data environment

- Authored comprehensive annotation notes and edge-case guidelines to improve consistency, reduce rework, and maintain quality control standards across deliverables

- Collaborated closely with engineering teams to flag parsing issues and recommend schema updates that enhanced training data quality by identifying technical gaps

- Co-developed a team shopping-cart application: implemented cart operations, input validation, and basic unit tests using web dev, demonstrating backend development capabilities

- Utilized Git workflows with structured branching strategies to collaborate efficiently, manage expectations, and deliver on timelines in an agile team environment

- Demonstrated strong analytical thinking and attention to detail when working with sensitive financial data, ensuring compliance with data handling standards

EDUCATION

Bachelor of Engineering Technology in Computer Engineering

Cape Peninsula University of Technology (CPUT) | Cape Town | 2020 — 2023

Relevant Coursework: Database Systems 3, Industrial Computing Design Project 3, Network Systems 3, Embedded Systems 3, Electronic Communications 3

Matric Certificate

Edward Phatudi Comprehensive School | Pretoria | 2018

Mathematics, Physical Sciences, Setswana (HL), English (FAL), Mechanical Technology, Graphics & Design (EGD), Life Orientation

KEY PROJECTS

Shopping Cart Application | Web Dev, JavaScript, HTML & CSS | Sprinthive (Pty) Ltd

- Implemented backend cart operations with input validation and exception handling

- Developed unit tests to ensure code reliability and quality standards

- Collaborated using Git workflows and pull request reviews in agile team setting

Console & GUI Applications | Java | Mecer Inter-Ed

- Built applications demonstrating OOP principles including inheritance, polymorphism, and collections

- Integrated SQL databases with proper exception handling and data validation

- Applied SDLC best practices from requirements gathering through deployment

MonoSid AI Platform | Backend Development | Personal Project Contributions

- Integrated oAuth for the AI health platform

- Integrated SQL databases using PostgreSQL with proper exception handling and data validation

- Applied SDLC best practices from requirements gathering through deployment

LICENCES & CERTIFICATES

Introduction to Cybersecurity | Cisco | 2026

SOFT SKILLS

Problem-Solving | Analytical Thinking | Teamwork & Collaboration | Attention to Detail | Strong Communication Skills | Quality Assurance | Ownership & Accountability

INTERESTS

Soccer | eGaming | Hiking

REFERENCES

Available on request