Masego Diale
Junior Web3 Developer

SUMMARY

A well-rounded software engineer with a National Diploma in IT and diverse experience across several tech domains. Engineer possesses expertise in a range of programming languages like Dart (Flutter), Java, C#, and PL/SQL, and is also proficient in data automation tools including Power BI, Tableau, and VBA. They have a proven track record in database administration, test automation, and system integration, demonstrated by their work with enterprise clients and contributions to national innovation projects. Notably, the engineer has developed AI-powered platforms and fintech solutions, showing a commitment to innovation and problem-solving. Their methodologies include Agile and SDLC, ensuring efficient and effective project execution. With certifications in modern frameworks and technologies like Hashgraph and BDD testing, the engineer's technical acumen is well-established.

TECHNICAL SKILLS

Main Technical Skills	Java, C/C++/C#, PL-Sql, JavaScript
Programming Languages	Java, JavaScript
C++ Libraries and Tools	C/C++/C#
AI & Machine Learning	n8n
JavaScript Libraries and Tools	p5.js
Data Analysis and Visualization Technologies	Google Spreadsheets
Azure Cloud Services	Azure log analytics
Google Cloud Platform	Google Docs
iOS Libraries and Tools	MDM
QA, Test Automation, Security	Usability tests

Mail / Network Protocols / Data transfer	WebRTC
Other Technical Skills	Detail Oriented, Teamwork

WORK EXPERIENCE

Lead Developer, Career Plug AI

Duration: 2024-Present

Summary: Created a national career tech platform for learners, aiming to connect various aspects such as subject choices, potential careers, and available bursaries through an AI-powered system deployed on kiosks and mobile devices.

Responsibilities: AI subject-career-bursary matching system development and deployment, collaboration with educational bodies, solution piloting in rural schools.

Technologies: AI, Kiosks, Mobile

Product Developer, Tshimoney

Duration: 2024-Present

Summary: Developed a smart payment-splitting platform for stokvels, creator teams, and digital communities that embodies African values with modern fintech solutions, leveraging automation tools.

Responsibilities: Platform development, implementation of payment-splitting automation, embedding African cultural elements into fintech solutions.

Technologies: n8n, Gumroad, Google Sheets, Automation Tools

EDUCATION

- **National Diploma in Information Technology - Business Applications**
- Tshwane University of Technology (2021)

CERTIFICATION

- **Hashgraph Developer**
- Hashgraph Association
- **AI Security**
- Infosec
- **AI Literacy**
- Otermans Institude
- **Full Stack Developer**
- IT Varsity
- **Automation Engineer**
- Tricentis Tosca
- **Automation Specialist**
- Tricentis Tosca

- **Robot Framework**
- Inspired Testing
- **BDD Testing**
- Inspired Testing
- **Safety Management (SAMTRAC)**
- NOSA
- **Power Learn Project (Scholarship Recipient)**
- TINP Bootcamp Graduate