






Frontend Engineer


 Tebogo Rakomane


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 3 September 1997

 Male

 South African

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Skills

Software Development

Team Collaboration

Requirements Gathering

Adaptability to New Technologies

Software Debugging

Languages

English

Education

Diploma in Information Tech, Software development Major

Feb 2018 - Apr 2023

Belgium Campus ITversity, Pretoria

Cum Laude recipient.

Employment

Software developer

Feb 2024 - Jun 2024

Coas Solutions, Johannesburg

- Improved software efficiency by troubleshooting and resolving coding issues.
- Saved time and resources by identifying and fixing bugs before product deployment.
- Contributed to a positive team environment through effective communication, problem-solving, and collaboration skills.
- Collaborated with cross-functional teams to deliver high-quality products on tight deadlines.
- Tailored software solutions to meet specific client needs, ensuring high customer satisfaction and repeat business.
- Participated in morning sprints and midday sprints to make sure project delivery was meeting the schedule

Freelance developer/Technician

Jun 2023 - Nov 2023

BLO NPO, Johannesburg

- Worked closely with clients to gather requirements and translate them into technical specifications for implementation.
- Continuously updated skills through training courses, workshops, and self-study—staying current on industry trends and emerging technologies.
- Debugged complex software issues, leading to a more stable product release.
- Collaborated with cross-functional teams to ensure seamless integration of new features.
- Participated in regular code reviews, ensuring high-quality standards were consistently met across all development efforts.
- Adapted quickly to new technologies and programming languages, enhancing team productivity.
- Developed software for desktop and mobile operating systems.
- Built a Website to increase internet footprint and digital presence by over 25%.

Cloud/Frontend engineer

Nov 2024 - Present

Purplewire, Johannesburg

- Data Visualization:** Hands-on experience with **D3.js** for rendering interactive charts, bars, and line graphs on dashboards. Developed custom visualizations to represent live asset tracking data effectively.
- Frontend Development:** Proficient in **Angular** with a strong command of **TypeScript** for developing scalable, modular applications. Involved in building core features of the **LiveAssetTracker** project for Gauteng e-Gov, with extensive use of **Angular Material**, **TailwindCSS**, and **SCSS** for responsive UI/UX.
- RFID Integration:** Implemented logic for **Zebra RFID technology**, integrating device inputs to track physical assets in real-time within the application.
- Component Architecture:** Deep experience with Angular modules, reusable components, dialogs, services, utilities, and class-based design patterns. Strong grasp of **ChangeDetection strategies** for performance optimization, building

custom directives for Images, allowing modular use, and importing.

•**NPM & Package Management:** Managed packages, handled versioning, and maintained consistency across the codebase using **NPM**. Experience in managing Angular workspaces and customizing build configurations.

•**Unit Testing & Scripting:** Used **Anaconda environments** for writing unit tests and utility scripts, enhancing test coverage and build reliability.

•**Prompt Engineering & ML Interest:** Actively exploring **LLMs** and **machine learning**, with the ability to craft effective prompts for precision in responses, supporting personal learning and potential future application development.

•**Development Tools & Version Control:** Proficient in **Git**, **NPM**, and modern CI/CD workflows, ensuring clean commits, code reviews, and structured releases.

•**Soft Skills:** Strong ownership mindset on quality, maintainability, and user experience. Known for being **detail-oriented**, collaborative, and adaptable in fast-paced, cross-functional teams.

•**Communication:** Fluent in English, enabling seamless collaboration in **international development teams** and effective communication of technical concepts.

Certificates

Azure Associate Developer

Sep 2024

Qualified associate azure developer, adapt at utilizing azure services such as: Functions, Eventhub/IotHub,Storage, Roles, App services, KeyVault.

Azure AI Engineer Associate

Sep 2024

Adapt at:

- Developing AI Models with Azure Machine Learning
- Implementing Azure AI Solutions
- Azure Cognitive Services Developer
- Fine tuning Ai models through training and prompt engineering

Power Platforms Fundamentals

Aug 2024

- Completed Microsoft Power Platform Fundamentals certification, demonstrating foundational knowledge of core capabilities.
- Gained expertise in Power Apps to develop custom business applications to enhance user experience.
- Acquired skills in Power BI for data visualization and analytics, improving decision-making processes.
- Enhanced understanding of connecting and integrating various data sources within the Microsoft ecosystem.