CONTACTS

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- Johannesburg

LANGUAGES

FNGLISH





Agile · Agile Development · API · CI/CD · CSS · Devops · Docker · Express.js · Git · Github · Github Actions · HTML · Javascript · Mongodb · Next.js · Node.js · Nest.js · Pair Programming · Python · R and R Studio · React.js · Restful API · Scrum · Sprint Planning · SQL · Statistics · Tailwind CSS · Storybook UI · Apache Airflow · $\textbf{Figma} \cdot \textbf{Typescript} \cdot \textbf{OAuth} \cdot \textbf{Django} \cdot \textbf{Tailwind}$

KOKETSO LEPULANA

FULL-STACK DEVELOPER

EXPERIENCE

Flov Germany

Full Stack Software Engineer

As a full-stack developer at Floy, I worked with high-end professionals to design and build a complete analytics application for our partners. This application leverages AI-driven insights to support radiologists in detecting complex and hard-to-identify diseases. By providing real-time data visualization, performance metrics, and predictive analytics, our work helps streamline decision-making and improve patient outcomes.

- · Built full-stack analytics web application using React Vite, Storybook UI, Nest.js backend and OAuth.
- Improved deployment efficiency through automating CI/CD pipelines with GitHub Actions.
- · Collaborated in Agile development teams, using Scrum methodologies to conduct daily standups, sprint planning including working with Jira for project progress and management.
- · Implemented UI designs using Figma for seamless components outlook.
- · Implemented Airflow-based task management systems for efficient workflow automation and data processing.

Project Y-Recoded

Johannesburg, South Africa 04/2024 - 08/2024

Present

Full-Stack Developer

Recoded is an intensive six-month program that helps aspiring developers grow from beginners to advanced levels. Through hands-on projects, focused learning, and personalized mentorship, participants gain practical experience with modern web development technologies. The program is designed to equip developers with the skills and knowledge needed to excel in real-world full-stack development roles, preparing them for the challenges of today's tech landscape.

- · Built full-stack web applications using React, Next.js, and Node.js for dynamic user interfaces.
- Implemented CI/CD pipelines with GitHub Actions, automating deployment processes.
- · Managed MongoDB and SQL databases, ensuring efficient data storage and querying processes.
- · Developed custom solutions by fine-tuning pre-trained models from Hugging Face for specific client use cases, such as sentiment analysis and text classification
- · Utilized Docker for creating consistent development environments and managing deployment across multiple environments.

Umuzi Umuzi

Full-Stack Developer - Contract

04/2023 - 04/2024

High-quality, virtual-friendly training program that provides work-simulated experience for web developers and data engineers, designed for underprivileged Individuals.

- · Built full-stack web applications using React, Next.js, and Node.js for dynamic user interfaces
- Implemented CI/CD pipelines with GitHub Actions, automating deployment processes.
- Managed MongoDB and SQL databases, ensuring efficient data storage and querying processes.
- · Implemented API integrations using RESTful services and third-party APIs, enabling seamless communication between front-end and back-end services.
- Engaged in code reviews and pair programming to ensure high-quality code, improve team collaboration, and maintain best practices throughout the project lifecycle.
- · Collaborated in Agile development teams, using Scrum methodologies to conduct daily standups, sprint planning, and retrospectives, ensuring project progress aligns with client goals and deadlines.

Company Name Remote

Freelance Researcher - Part Time

08/2020 - 11/2022

- Conducted research in Mathematics, Statistics, Finance, and Economics
- Delivered high-quality reports ahead of deadlines

Phusela High Limpopo

Pre Primary Education

01/2013 - 12/2013



University of Pretoria

BSC Actuarial Science

- Association of South African
- Black Actuarial Professionals

University of South Africa

Diploma Mining Engineering

• University of South Africa - Present

Pretoria, South Africa 01/2018 - 12/2021

Pretoria, South Africa 02/2024 - 12/2024