MALI SANTO

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PROFESSIONAL SUMMARY

Full-Stack Developer & Coding Tutor with over 3 years of professional and 2 years of freelance experience specializing in the JavaScript and TypeScript ecosystem. Proven track record of building and scaling web applications using the PERN Stack (PostgreSQL, Express, React, Node.js) alongside modern DevOps and automation workflows. Recently promoted to Lead Full-Stack Web Development Coding Tutor, leveraging strong technical leadership, advanced problem-solving, and code quality management to build high-performance software and mentor the next generation of developers.

PROFESSIONAL EXPERIENCE

Lead FullStack Web Development Tutor | ITCareerSwitch(Remote, UK)
May 2023 - Present

- Full-Stack Architecture & Code Reviews: Provided architectural guidance and advanced technical support, debugging complex JavaScript, TypeScript, and React web applications while conducting rigorous GitHub code reviews to enforce modular PERN stack standards and strict version control.

- Lead Full-Stack Mentorship & Operations: Stepped into a newly created Lead Coding Tutor role to manage technical mentorship operations, elevate full-stack code quality, and accelerate graduation readiness for international cohorts transitioning into tech.

- Technical Leadership & Performance Tracking: Elevated cohort engineering capabilities and reduced repository conflicts through hands-on coding guidance, accelerating project delivery speeds and establishing metrics-driven developer progression tracking.

Graduate Software Engineer | Nedbank
April 2024 – February 2025

- Developed, tested, and optimized active software engineering features using clean coding principles to maximize system performance and resource efficiency.

- Spearheaded process-mapping and audit initiatives across the SDLC, recommending robust structural improvements to streamline developer workflows and cross-team collaboration.

- Executed full-lifecycle feature development using Scrum methodologies, adhering to high-pressure production deadlines and corporate compliance standards.

Freelance Fullstack Web Developer| Fiverr
January 2020 – May 2023

- Engineered, deployed, and maintained custom full-stack web applications for global clients, managing the full SDLC from initial requirements gathering to production release.

- Translated complex UI/UX designs into high-performance, fully responsive web interfaces backed by optimized relational SQL databases.

- Enhanced front-end performance by refactoring client-side code, optimizing asset loading, and reducing bundle sizes to accelerate cross-browser rendering speeds.

- Designed custom visual branding assets and UI components to deliver cohesive, highly engaging user experiences across diverse industries

EDUCATION

University of Mpumalanga **January 2017 – December 2024**

1. Postgraduate Diploma in ICT: Applications Development (Theory completed, Awaiting Research results)

2. Advanced Diploma in ICT: Applications Development

3. Diploma in ICT: Applications Development 4. Diploma: Nature Conservation

TECHNICAL SKILLS

JavaScript & TypeScript Ecosystem

- Modern JavaScript (ES6+), TypeScript, ReactJS, NodeJS, ExpressJS,PostgreSQL, jQuery, Bootstrap

Backend Frameworks & Languages

- PHP (Laravel), Python (Django, Flask, Pandas, NumPy), Java (Jakarta EE, JSF, JUnit), Kotlin, C# (ASP.NET)

DevOps & Cloud Infrastructure

- Docker, Kubernetes, Google Cloud Platform (GCP), CI/CD Pipelines, VMware, Git Version Control

Automation, Data & Analytics

- SQL, Snowflake, Apache Spark, Airflow, n8n, Power BI, Tableau

Methodologies & Architecture

- RESTful APIs, Microservices, Agile/Scrum, Waterfall, SDLC,, ArchiMate, Test Driven Development (TDD), Behaviour-Driven Development (BDD)

CERTIFICATIONS

Cloud & DevOps
Google Associate Cloud Engineer (Managing Compute Engine) – Codecademy Fundamentals of Kubernetes Deployment – Coursera

Programming & Web
Testing for Web Development (Intermediate) – Codecademy,
Learn ASP.NET (Intermediate) – Codecademy
Modern JavaScript: ES6 Basics – Coursera,
Google Crash Course on Python – Coursera,
Introduction to Java – Coursera

AI, Data & Design
Creating AI Applications using Retrieval-Augmented Generation (RAG) – Codecademy,
IBM Introduction to Data Engineering – Coursera,
IBM Data Analysis with Python – Coursera,
Graphic Elements of Design – Coursera

REFERENCES

Stanley (Professional Reference- ITCareerSwitch) +27 78 156 6088