Slindokuhle Atlehang Ngidi

Information & Communication Technology
Professional | Web Developer

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- Tumkomaas, KwaZulu-Natal, South Africa
- Portfolio: https://portfolio-three-orpin-46.vercel.app/
- ## LinkedIn: linkedin.com/in/slindokuhle-ngidi-69181b217

Professional Summary

Innovative and detail-oriented Web Developer with a strong foundation in Ionic Framework, JavaScript, CSS, SQL, and Firebase (NoSQL). Proven ability to design and implement responsive, mobile-first applications for academic and enterprise use. Experienced in full-stack development with a focus on user-friendly design and system optimization. Passionate about building technology that solves real-world problems, especially in the education sector. Skilled in integrating real-time communication features using Agora SDK for video calls and collaborative systems.

Key Skills

- WEB & MOBILE DEVELOPMENT (IONIC, ANGULAR, JAVASCRIPT, TYPESCRIPT, HTML, CSS)
- DATABASE MANAGEMENT (SQL, FIREBASE/FIRESTORE)
- UI/UX DESIGN & RESPONSIVE LAYOUTS
- REAL-TIME APPLICATION INTEGRATION
- REAL-TIME COMMUNICATION INTEGRATION (AGORA SDK)
- GIT & VERSION CONTROL
- AGILE DEVELOPMENT & TEAM COLLABORATION
- CLOUD FUNDAMENTALS (IBM CLOUD)
- PROBLEM-SOLVING & DEBUGGING

Professional Experience

INNOVATION LAB INTERN – MANGOSUTHU UNIVERSITY OF TECHNOLOGY SOFTWARE DEVELOPMENT | 2024 – 2025

- SPEARHEADED THE DEVELOPMENT OF RESPONSIVE WEB APPLICATIONS
 USING IONIC, JAVASCRIPT, CSS, AND SQL, ENHANCING DIGITAL PLATFORMS
 FOR STUDENTS AND STAFF
- DESIGNED DATABASE STRUCTURES AND IMPLEMENTED REAL-TIME UPDATES USING FIREBASE/FIRESTORE, INCREASING SYSTEM EFFICIENCY AND REDUCING MANUAL WORKLOADS
- INTEGRATED AGORA SDK FOR REAL-TIME VIDEO CALL SERVICES AND COLLABORATIVE TOOLS IN ACADEMIC PLATFORMS, IMPROVING COMMUNICATION ACROSS USERS
- COLLABORATED WITH FACULTY AND OTHER INTERNS TO DELIVER ACADEMIC TOOLS SUCH AS DOCUMENT ACCESS SYSTEMS, STUDENT DASHBOARDS, AND COMMUNICATION MODULES
- CONTRIBUTED TO VARIOUS PROJECTS THAT SIGNIFICANTLY IMPROVED LEARNING ENVIRONMENTS AND ADMINISTRATIVE PROCESSES FOR THE INSTITUTION



MANGOSUTHU UNIVERSITY OF TECHNOLOGY

NATIONAL DIPLOMA IN ICT: SOFTWARE DEVELOPMENT 2020 – 2024

- GPA: 2.7
- RECOGNIZED FOR PARTICIPATION IN INNOVATION-DRIVEN ACADEMIC SOLUTIONS
- FINAL-YEAR PROJECT FOCUSED ON SCALABLE ACADEMIC PLATFORMS FOR VARSITY USE

ZUZICEBO HIGH SCHOOL

2017 - 2019

 SENIOR CERTIFICATE WITH STRONG PERFORMANCE IN MATHEMATICAL LITERECY AND GEOGRAPHY



IBM SKILLSBUILD CERTIFICATIONS - 2021

- IBM CLOUD INTRODUCTION
- IBM CODING INTRO
- IBM INTERNET OF THINGS (IOT)
- IBM ARTIFICIAL INTELLIGENCE (AI)

ARTIFICIAL INTELLIGENCE FUNDAMENTALS - 2024

HONORS & RECOGNITION

- BEST THESIS NOMINEE INNOVATION LAB PROJECT
- EXTENDED RESEARCH RECOGNITION CONTRIBUTED TO WHITE PAPER ON "DIGITAL TOOLS FOR EDUCATION EQUITY"

Supporting Documents

AVAILABLE UPON REQUEST:

- SOUTH AFRICAN ID COPY
- ACADEMIC RECORD & CERTIFICATES
- PORTFOLIO PROJECTS & REFERENCES