ROCKY VHULONDO MAPHIRI

Information technology in Application Development

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Profile

Ambitious application development graduate with a strong foundation in software development, proficient in various programming languages and development tools. Passionate about designing innovative solutions and eager to contribute to meaningful projects within a collaborative team environment. Dedicated to continuous learning and growth to stay at the forefront of technology advancements.

Education

2024-2024   Advance Diploma: in Application Development

IIE Rosebank College

Completed: Awaiting Certification

2021-2023   Diploma: Information Technology in Software Development

IIE Rosebank College

2016-2020   High School

Makhado Comprehensive Secondary School

Technical Skills

- Programming Languages: Java , C#, KOTLIN
- Database: SQL , database design, management systems (MySQL, MongoDB)
- Web Development: HTML, CSS, frameworks(React)
- Vision Control: Git for version control (branching, merging and collaborating)
- Agile methodologies: Scrum , Lean, Kanban
- Development Tools: Visual Studio, Visual Studio Code, Android Studio
- MS Office Proficiency (Outlook, Excel, PowerPoint, Word)

Professional Skills

- Attention to Detail , Deadline Management, Innovation and Enthusiasm
- Team Collaboration , Adaptability, Time Management, Integrity and Confidentiality
- Creativity (innovative thinking to generate new ideas), Problem solving

Projects

1. **Mobile Application Development**

- Developed a comprehensive expense tracker mobile application using Android Studio and SQLite database to help users manage their finances efficiently.

- Technologies used: Java, SQLite

- Integrated secure user authentication system to allow users to register, login, and manage their accounts.

2. **Web Application Development**

- Built a dynamic e-commerce website with a user-friendly interface for product browsing ,search ,and purchase.

- Technologies used: React, HTML, CSS, JavaScript, and MongoDB.

- Implemented a backend API using Node.js to handle user authentication, product data, and order management.

3. **CLOUD-BASED STORAGE AND PROCESSING SYSTEM**

- Designed and implemented a cloud-based file storage system using Azure Blob Storage for secure file uploads and retrieval.

- Utilized Azure Queues for message processing and monitoring task statuses in a distributed system.

- Technologies used: C#, Aure Cloud Services, Azure Blob Storage, Azure Queues, Visual Studio.

Reference

Mr Mufamadi T (Pri.Sci.Nat 072 634 7403)

Mr Kobeni R (Lecturer, 076 905 8130)

Mr Sediela S (Lecturer, 076 033 9699)