

Siphosethu Zuma

SOFTWARE DEVELOPER

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Objective

A diligent Information Technology student majoring in Software Development at Mangosuthu University of Technology, seeking opportunities to leverage academic knowledge and practical skills acquired in system software, technical programming, Information Systems, and development software in a professional environment.

Education

National Senior Certificate

Glenhills Secondary, Kwa Dukuza, South Africa

Completed: 2019

Subjects Studied:

- Physical Sciences
- Life Sciences
- Mathematics
- Information Technology
- English Home Language
- IsiZulu First Additional Language
- Life Orientation

National Diploma in Information Technology

Mangosuthu University of Technology, Durban, South Africa

Expected Completion: December 2024

Major: Software Development

Relevant Coursework:

- System Software
- Technical Programming
- IT Skills
- Development Software
- Internet Programming
- Information Systems
- Project Management

Technical Skills

Programming Languages:

- Delphi
- Java
- C#
- JavaScript
- HTML
- CSS
- PHP
- SQL

Self-Taught:

- C++
- Python

Frameworks & Libraries:

- ASP.net Core
- Ionic
- Angular
- React

Core Competencies:

- Strong understanding of system software and technical programming concepts

- Knowledgeable in development software and internet programming
- Proficient in database management and SQL
- Familiar with software development lifecycle and agile methodologies

Soft Skills:

- **Effective communication:** Able to convey complex technical concepts clearly and concisely to both technical and non-technical stakeholders.
- **Teamwork:** Collaborated with peers on various academic and extracurricular projects, fostering a collaborative environment to achieve shared goals.
- **Problem-solving:** Possess strong analytical skills and a proactive approach to identifying and resolving issues efficiently.
- **Adaptability:** Flexible in adapting to new technologies, methodologies, and work environments to meet evolving project requirements.
- **Time management:** Efficiently managed academic responsibilities alongside extracurricular activities, consistently meeting deadlines and achieving academic success.

Project Experience

Academic Projects:

1. Quiz Website

- **Role:** Developer
- **Technologies Used:** Java, MySQL
- **Description:** Created an interactive quiz website that allows users to take quizzes on various topics. Implemented user authentication, quiz creation, and score tracking functionalities.

2. Online Shopping Detergent Store

- **Role:** Developer
- **Technologies Used:** C#, ASP.net MVC, HTML, JavaScript, Bootstrap

- **Description:** Developed an online shopping website for a detergent store as part of the Information Systems project scope. Created a system analysis document and a system design project. Implemented features like product listing, shopping cart, and order management.

3. Dice Game

- **Role:** Developer
- **Technologies Used:** C#, Visual Studio, SQL
- **Description:** Created an interactive dice game where users can roll dice and score points based on the outcome. Developed the game logic and integrated a database to store high scores and user data.

References:

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