Precious Mthimunye
SOFTWARE DEVELOPER

PROFESSIONAL SUMMARY

Recent Computer Science graduate from Tshwane University of Technology with hands-on experience in full-stack software development. Proficient in Python, JavaScript, React, Node.js, MongoDB, and RESTful APIs. I am committed to developing user-focused and scalable solutions, with a particular interest in applying data, technology, and AI to address real-world business needs. Seeking a challenging software development position to further my skills and contribute to innovative initiatives.

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PROJECTS

Doctor Appointment Booking System. 2025
Diploma in Computer science, WIL Project
- Helped develop a web-based Doctor Appointment Booking System allowing real-time patient-doctor consultations.
- Applied core software development tools and Agile methodologies, utilizing React.js (frontend), Node.js/Express.js (backend), and MongoDB (data storage).
- Managed weekly sprints with Trello, practiced RESTful API design, and implemented CRUD operations.
- Conducted regular sprint reviews and code reviews to maintain code quality and project progress.

Job Portal. 2024
Diploma in Computer science, WIL Project
- Led the full-stack development of a job portal for software developers using React.js, Node.js, Express.js, and MongoDB, with Cloudinary for file uploads and JWT for authentication.
- Integrated Natural Language Processing (NLP) for text classification, enabling AI-driven resume analysis and candidate matching to job requirements.
- Developed an admin panel with AI logic to efficiently review applicants, filter submissions, and highlight top candidates.

EXPERIENCES

Full-Stack Developer I 2024 - Present
4IR Program (Tshwane University of Technology)
- Contributed to developing real-world web applications, including a Doctor Appointment System and a Job Portal, using modern full-stack technologies.
- Focused on implementing responsive UIs, RESTful APIs, and AI-powered features like resume screening.

EDUCATION

Diploma In Computer Science
Tshwane University of Technology
- Relevant Coursework: Internet Programming, Mobile Computing, Advanced Object Oriented Programming (AOP), Database Programming.

National Senior Certificate
Leonard Ntshuntshe Secondary school

SKILLS

- Software & Web Development: Full-Stack Development, Mobile Development, Software Testing
- Database Development & Administration: Database Design, SQL, PostgreSQL
- Programming Languages: Python, JavaScript, Java, Kotlin, PHP, HTML/CSS
- Frameworks & Libraries: Node.js, Express.js, Spring Boot, React.js, Bootstrap
- Other Tools & Concepts: Business Analysis and Modelling