Katleho Victor Molangeni

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Final Year Dip Information And Communication Technology (Application Development)

PROFILE

I am an aspiring Software Engineer/Developer with a strong technical foundation and a passion for building innovative and efficient software solutions. My academic background has equipped me with both business knowledge and advanced technical skills, enabling me to develop reliable and scalable applications. I am dedicated to solving complex problems, optimizing system performance, and contributing to impactful software solutions in dynamic and challenging environments. With a keen interest in continuous learning and improvement, I aim to drive technological advancements and create meaningful digital experiences.

EDUCATION

SOL PLAATJE UNIVERSITY   **2023- PRESENT**

Diploma in Information And Communication Technology (Application Development)

RELEVANT COURSEWORK AND PROJECTS

- **Enough is Enough Org (EIE):** Collaborated in designing and developing an organizational website with *HTML, CSS and JavaScript* as a first year WEB DEVELOPMENT project**.**
- **Tutor Booking System (iTBS):** On my second year, as part of PROGMMANING 2 I developed a **Tutor Booking System** using *Java, JavaSwing, BulkSMS, MySQL*. The system was developed to ease the booking process of tutors in Sol Plaatje University and most importantly to showcase my capabilities in Java and how to maintain the backend site of a system.
- **AssessMate:** An application build with *Django framework (python, html, CSS)* to solve assessments chaos for students. And help motivate those who feel unmotivated.

MOHATO SENIOR SECONDARY SCHOOL   **2019- 2021**

National Senior Certificate NSC (Matric)

SOFT SKILLS

- Attention to detail   • Team player   • Effective time management   • Communication Skills
- Adaptivity   • Analytical thinking decision-making   • Project Management   • Problem Solving
- Resilience and Perseverance   • Leadership

TECHNICAL SKILLS

- Java   • Python   • SQL   • HTML   • JavaScript   • React.js   • CSS   • Version Control (GIT)   • Software Testing   • Responsive web design   • Basic UI/UX principles   • SDLC   • PostgreSQL   • Anaconda

WORK EXPERIENCE

STUDENT ASSISTANT   **Feb 2024- Nov 2024**

As a Student Assistant at Sol Plaatje, I mentor and assist first-year ICT students in understanding fundamental programming concepts and adapting to the academic environment. My role involves:

- **Tutoring & Guidance:** Providing support in programming languages, debugging code, and improving problem-solving skills.

- **Technical Assistance:** Helping students grasp key ICT concepts, including software development and networking.

- **Collaborative Learning:** Organizing study sessions, both online and in-person, to foster peer learning.

- **Academic Support:** Assisting students with coursework, assignments, and preparation for assessments.

- **Communication & Leadership:** Serving as a bridge between students and faculty, ensuring smooth information flow.

REFERENCES

Available Upon Request.