**Role:**

**Name and Surname:** Tsie Masilo

**Id/Passport:**

**Experience**

|  |  |  |
| --- | --- | --- |
| **Position** | **Company** | **Number of years** |
| Intern | Alteram Solutions | January 2025 - Present |

**Qualification**

|  |  |  |
| --- | --- | --- |
| **Qualifications** | **Institution** | **Year Completed** |
| Bachelor of Science - BS, Information Technology Software Engineering | Eduvos Tertiary Higher Education | 2022-2024 | Graduation - April 2025 |
| Information Systems | CTI Education Group, | 2018 |

A highly motivated Junior Software Engineer with experience in developing scalable, efficient, and reliable applications, and a strong foundation in object-oriented design, system architecture, and full-stack development. My background includes designing and implementing projects that demonstrate problem-solving skills, scalability, and a focus on delivering high-quality solutions. I am eager to bring my expertise and passion for software development to contribute to innovative projects and grow in a dynamic environment.

**Skills**

Technical Skills: Java, JavaScript, C#, React.js, MongoDB, PHP, SQL, JSON, HTML, CSS, GitHub, RESTful APIs, design using FIGMA, algorithms, data structures. Soft Skills: Communication, teamwork, problem-solving, adaptability, time management, attention to details, flexibility, professionalism.

**Experience**

**Alteram Solutions**

**Intern**

**January 2025 – Present**

* Enhanced organizational performance and supported sustainable growth by delivering ICT services, managed services,
* CRM solutions,
* data management, and analytics,
* while remotely monitoring clients' IT environments for network and security Implemented
* Business Intelligence (BI) solutions to analyze and present actionable data,
* enabling informed decision-making for executives and business managers through creating reports, dashboards and data visualizations to make the analytical results available to decision-makers

**PROJECT EXPERIENCE**

Hospital System Management Application- Final year 2024

* Designed and developed a hospital management application as a self-initiated project using Java for backend functionality and SQL for database storage.
* Managed patient and staff records, appointment scheduling, and data tracking using Java for backend services.
* Built the frontend user interface using HTML, CSS, SQL and React, ensuring responsiveness and ease of use across devices.

Dating Chatbot Application Implemented - Final year 2024

* Real-time messaging and user authentication features for secure and seamless interactions. Created a dating chat application as a college project using JavaScript and Glassfish server in IntelliJ IDEA, allowing users to connect based on common interests and geographical locations. Built the frontend using React, HTML, and CSS to create a responsive user interface.

Mentorship and IT Guidance Website- 2nd Year 2023

* Developed the platform using Java for backend functionality and HTML, CSS, and JavaScript for frontend development.
* Designed user-friendly UI/UX layouts with Figma, focusing on accessibility and aesthetics. Implemented key features such as educational resources, mentorship matching, and discussion forums to support IT students' needs