Kgahlabje Mahlomola Seepe

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About

As a Computer Science bachelor's degree candidate, I have a strong foundation in software development principles, including object-oriented programming, data structures, and algorithms. I have practical experience with JavaScript, Node.js, and Express.js, and I am committed to applying best practices throughout the software development lifecycle. My academic journey, along with experience in tutoring and mentoring, equips me to contribute effectively to the technology field.

Projects

Residence Management System

- Developed a full-stack Residence Management System using **Node.js**, **Express.js**, **MySQL**, and **JavaScript**. The system enables student registration, login, and residence applications, with a manager portal for reviewing and managing applications. Key features include authentication, application tracking, and a user-friendly, responsive design.

AI-Powered Resume Review System

- This AI-powered system helps job seekers enhance their resumes by comparing them to job descriptions using NLP. It analyses key skills, highlights match and gaps, and offers suggestions for improvement, such as adding relevant skills. Users can upload, track, and compare multiple resumes to optimize their job applications.
- Tech Stack: Frontend: HTML, CSS, React | Backend: Node.js, Express.js, MySQL | NLP Tools: NLP API | APIs: Resume Parsing API, Skills & Job Role API.

Education

BSc In Mathematical and Computer Sciences | February 2022 – November 2024

Sol Plaatje University

- Status: In Progress
- As a BSc candidate in Mathematical and Computer Sciences at Sol Plaatje University, I have a solid foundation in computer science, with skills in programming languages like JavaScript, Python, C++, and SQL. My studies are complemented by practical experience and roles as a tutor and peer mentor, where I apply my knowledge to support fellow students.

Certifications | Included on LinkedIn

Learn JavaScript

- Earned a certificate in JavaScript, demonstrating proficiency in using the language to create interactive and dynamic web applications.

Learn Node JS

- Earned a certificate in Node.js, covering back-end components of web applications and mastering the Node.js JavaScript runtime environment.

Learn Express JS

- Earned a certificate in Express.js, focusing on building back-end applications and APIs with the popular Express.js framework.

Links

- LinkedIn: https://www.linkedin.com/in/mahlomola-seepe-b82258220/#:~:text=www.linkedin.com/in/mahlomola%2Dseepe%2Db82258220
- GitHub: https://github.com/Mahlomola21/Residence-Management-System.git

- Portfolio: codeWithSeepe.com