

KARABO MOKATSE

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ABOUT ME

Recent Computer Science graduate with expertise in web development and API integration. Developed responsive websites and scalable REST APIs using Laravel and Vue.js, enhancing user experience and engagement. Proficient in PostgreSQL for effective data management. Eager to leverage technical skills and analytical mindset to drive digital transformation and contribute to innovative solutions.

PROJECT EXPERIENCE

Job & market portal | 2024 - 2025

Final year project

- Developed scalable REST API using Laravel and PostgreSQL, integrating JWT authentication for enhanced security.
- Created responsive Vue.js frontend, improving user accessibility with real-time chat and job application features.
- Improved user engagement with intuitive interface and chat functionality.
- Implemented job recommendation system leveraging OpenAI's models and cosine similarity for precise recommendations.

Law firm website | 2025

Client project

- Volunteered to develop and launched a responsive website for a local law firm using Laravel and Vue.js
- Created client intake forms, appointment scheduling, case and invoice tracking features.
- Increased user engagement through a user-friendly interface.
- Streamlined operations with automated intake and scheduling processes.
- Enhanced data management using PostgreSQL on Supabase.
- Utilised Git for effective version control.

EDUCATION

National University of Lesotho | 2021-2025

BSc Computer Science

Studied a comprehensive curriculum covering all major theories and topics in computer science.

Key Courses include:

- Software Engineering
- Programming Fundamentals
- Database design and architecture
- Algorithms and Data structures

TECHNICAL SKILLS

- **Programming Languages:** PHP, JavaScript, Python, Typescript, C++
- **Frameworks:** Laravel, Vue.js, React.js, Nuxt.js, Tailwind CSS, Bootstrap 5.
- **Database:** MySQL, PostgreSQL, SQLite, MongoDB
- **API Development:** RESTful APIs, JWT/OAuth2 authentication, API integration
- **DevOps & Tools:** Git, GitHub, Docker, Cloud Deployment (Render, Supabase), CI/CD