MICHIAS HAILU ALEMU

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Innovative and detail-oriented Software Engineer with a strong foundation in fullstack development. Eager to apply my expertise in creating scalable and robust software solutions. Seeking a challenging role where I can contribute my technical skills, passion for coding, and dedication to delivering high-quality software products.

Work Experience

Full-Stack Software Engineer   **Hawi Software Solutions**   **Oct 2022–Present**
Adama, Ethiopia

- As a Results-driven Full-stack Web Developer at Hawi Software Solutions, my contributions have been impactful across various projects. I led the development of a Hospital Information Management System, employing Laravel, Blade, Bootstrap, and MySQL, resulting in a streamlined and efficient solution for managing crucial healthcare data. Serving as the Back-end Developer for a music streaming platform, I utilized Node.js and MongoDB, achieving a robust and scalable backend infrastructure that significantly enhanced the platform's performance. In my recent role, I played a pivotal part in creating a School SaaS App using Laravel/Livewire, Tailwind CSS, and MySQL, delivering a modern and user-friendly application. These experiences underscore my commitment to achieving tangible results, making substantial impacts on project success, and continually contributing to the growth and excellence of Hawi Software Solutions.

Software Developer Intern   **Hawi Software Solutions**   **May,2021–Sep,2021**
Adama, Ethiopia

- As a Full-stack Web Developer intern at Hawi Software Solutions, my impactful contributions were evident in the development of the School Management Web Application for Kamara School. Utilizing Laravel, Blade, and MySQL, I played a pivotal role in integrating a secure bank payment system and implementing a student attendance feature with real-time notifications for parents. This involved extensive engagement with Laravel backend functionalities, database structures, and frontend Blade templates. Through close collaboration with the development team, I actively participated in code reviews and problem-solving sessions, significantly enhancing my Full-stack development skills. My efforts played a crucial role in the successful and timely delivery of essential features for the Kamara School project. This internship not only provided me with valuable hands-on experience in a professional team environment but also refined both my technical proficiency and practical understanding of real-world web application development, establishing a solid foundation for my continued growth as a Full-stack Web Developer.

Education and Certifications

- **B.Sc. Software Engineering,** Bahir Dar University, Ethiopia.   **2017–2022**

Technologies and Languages

- Languages: Java, JavaScript, PHP, Python
- Technologies: HTML, CSS, Bootstrap, MySQL, MongoDB, Git & GitHub
- Frameworks: Laravel, MERN Stack

Projects

- **Music Streaming Platform -** responsible for the backend development tasks related to uploading, compressing, and streaming functionalities for the Music Streaming Platform project.
- **Healthcare System** - responsible for designing and implementing comprehensive solutions, encompassing both front-end and back-end tasks, to enhance data management, streamline user interactions, and ensure system efficiency.
- **School Management SaaS -** my responsibilities spanned both front-end and back-end development, encompassing the design and implementation of features to optimize user experience, enhance data management, and contribute to the overall efficiency of the system.

Certifications and Course

- **Developing Back-End Apps with Node.js and Express Certification , Coursera, August 13, 2023**
- **Python for Data Science, AI & Development, Coursera, September 30, 2023**

Interests

- **Chess -** Embarking on the journey of chess, cultivating strategic thinking and analytical skills to enhance cognitive abilities outside the professional realm.
- **Watching Movies -** Enjoying a diverse range of films to unwind and appreciate storytelling and cinematography.