

Faysal Mohammed

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EDUCATION

Addis Ababa University

Bsc in Computer Science

Addis Ababa, Ethiopia

WORK EXPERIENCE

Laravel Developer | Ibex Technologies and Promotion

SEP 2023 - PRESENT

- **Laravel Backend Development:** Built and maintained scalable backend systems using laravel ,implementing modular architecure, job queues, and seamles API integrations
- **Filament:** Developed and customized admin dashboards and management panels using Filament, enhancing backend usability and efficiency.
- **Frontend with Livewire:** Created responsive applications with **Livewire** and **Blade** laveraging Server- Side Rendering (SSR) for enhanced SEO and Performance.
- **Database Management:** Designed and optimized shchemas with **MySQL** and **PostgresSQL**, using Eloquent ORM for efficient data handling.
- **Team Collaboration:** Worked Closely with Frontend and backend engineeers to deliver high-performance solutions, laveraging **Next.js** for frontend development and ensuring seamles integration with the backend

Laravel Developer | Next js | Fullstck | Hexlabs

JULY 2022- AUG 2023

- **Optimization and maintainance of Laravel web application:** Optimized Application performance by resolving N+1 query issues and onother database optimization to make the web application faster and robust for handling fast growing users.
- **Migrating To Latest Version:** Migrated Laravel and Livewire to latest version from version laravel 7 to laravel 11 and handled breaking changes that occured in both laravel and livewire sides
- **Backend Architect:**Architected and optimized a high-performance backend infrastructure using Larvel and **Next** to handle large-scale data and real-time communication needs. Focused on designing modular microservices to support various ERP features such as student management, attendance, and financial systems.
- **Performance and Scalability Enhancements:** Leveraged tools like **PM2** for process management and **Docker** for containerization to ensure the ERP system could scale easily across multiple servers, handling heavy workloads efficiently. Improved database performance using **PostgreSQL** optimization and **MongoDB** indexing strategies.

- **Client-Side Optimization and UI Improvements:** Worked closely with the frontend team to enhance the user experience by implementing advanced UI/UX techniques in **React.js** and **Next.js**. Focused on responsive design, interactive data visualizations, and real-time updates to improve overall system functionality for end-users.

FULL STACK DEVELOPER | Kasma Tech solutions

MAY 2021- JUNE 2022

- **Website Development and Maintenance:** Developed and maintained the NGO's website using modern frameworks such as **Next.js** and **Node.js** with **HTML, CSS, and JavaScript** to ensure a dynamic and responsive online presence.
- **Content Management:** Created and managed website content with **headless CMS** solutions, ensuring seamless integration of text, images, and multimedia elements, while focusing on **SEO optimization** and user engagement.
- **Accessibility and User Experience:** Implemented user-friendly, responsive designs with a focus on **accessibility** using tools like **Lighthouse** to ensure the website met usability standards and was inclusive for all users, including those with disabilities.
- **Performance Monitoring and Optimization:** Monitored website traffic and performance using **Google Analytics** and **Lighthouse**, providing insights to improve site speed and resolve issues such as broken links and loading errors. Optimized site performance using **Webpack** and **Gulp** for efficient bundling and asset management.
- **Collaboration and Communication Tools:** Integrated internal communication strategies using tools like **Slack** and email, facilitating smooth collaboration within the team and ensuring effective content updates and communication.