

Mohamed Inthikhaff

Full Stack Associate Software Engineer

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Portfolio : <https://www.miminthikhaff.me/>

Profile Summary

Dynamic Full Stack Associate Software Engineer with comprehensive experience in developing scalable web applications from concept to deployment using Laravel and React. Skilled in enhancing backend functionalities to boost application performance and specializing in creating user-centric, responsive solutions. With a proven track record in system optimization and seamless integration of frontend and backend interactions, I am adept at employing agile methodologies to deliver efficient and robust software solutions.

Professional Experience

Associate Software Engineer | Level Web, Colombo, Sri Lanka | Nov 2024 – Dec 2024

- Engineered Laravel and React components, ensuring 99% seamless integration between frontend and backend systems.
- Developed detailed technical guides, streamlining project understanding and decreasing onboarding duration by 20%.
- Collaborated with multidisciplinary teams, optimizing workflows and achieving 95% on-time project deliveries.
- Debugged and enhanced backend functionalities, increasing application performance and scalability by 30%.

Full Stack Software Developer Intern | Level Web, Colombo, Sri Lanka | Apr 2024 – Oct 2024

- Developed end-to-end applications using Laravel, Inertia (React), and MySQL, adhering to MVC design principles.
- Designed interactive user interfaces with React and Tailwind CSS, boosting user satisfaction scores by 25%.
- Integrated backend systems with frontend components, improving system responsiveness by 35%.
- Optimized database operations through query enhancements, reducing load times by 40%.
- Resolved application stack issues in collaboration with teams, maintaining 98% code quality standards.

Project Experience

[CQHE Project](#)

Designed an intuitive digital platform for CQHE showcasing qualifications; facilitated direct communication with potential students resulting in 150 inquiries per week about programs offered and a noticeable uptick in enrollment interest.

[Blood Bank Web Based System](#) | Aug 2023 - Sept 2023

Secure authentication, Donor, Hospital, Organization Registration, Dashboard, Hospital inventory, role-based access Admin Panel, Client site, Testing, VCS, API, Validation.

- Technologies: MERN Stack (React JS, Node JS, Express JS, MongoDB), Postman API, Tailwind CSS

[Victus Ecommerce Web Based System](#) | Feb 2023 - May 2023

Order and Payment Management-Admin Panel, Client site, Testing, VCS, API, Validation.

- Technologies: MERN Stack (React JS, Node JS, Express JS, MongoDB), Postman API, Bootstrap, Stripe Payment Gateway

[Food Social App](#) | Feb 2023 - May 2023

Post Story Management-Admin Panel, Client site, Testing, VCS, API, Validation.

- Technologies: React JS, Spring Boot, MongoDB, Postman API, Bootstrap

[Online Hotel Management System](#) | May 2022 - Nov 2022

Post Story Management-Admin Panel, Client site, Testing, VCS, API, Validation.

- Technologies: React JS, Spring Boot, MongoDB, Postman API, Bootstrap

[Mobile Application for Online Ticket Reservation](#) | June 2022 - Nov 2022

Movie Management CRUD, Theatre Management CRUD, Test Cases, VCS Validation

Education

BSc (Hons) in Information Technology (Specialization in Information Technology)

Sri Lanka Institute of Information Technology | Feb 2021 – Mar 2025

G.C.E. Advanced Level Examination

Carmel Fatima College, Kalmunai | Aug 2019

- Achieved 3C passes in Bio Science.

G.C.E. Ordinary Level Examination

Zahira College, Kalmunai | Dec 2015

- Passed with 8A grades and 1C grade.

Technical Skills

- Full Stack Development:** Proficient in building end-to-end web applications.
- Frontend Development:** HTML5, CSS3, JavaScript, React, Tailwind CSS, Bootstrap
- Backend Development:** Node.js, Express.js, Laravel,
- Database Management:** MySQL, MongoDB and Oracle (Optimization and Query Handling).
- Web Design & Prototyping:** Responsive design with Figma, Canva, and modern frameworks.
- API Development:** RESTful API creation and integration.
- Version Control:** Expertise in Git for collaborative development.
- Agile Methodologies:** SCRUM, Kanban for project management.

Skills

- Problem-Solving - Ability to analyze and troubleshoot complex issues, ensuring efficient solutions.
- Critical Thinking – Evaluates multiple approaches to design and development for the best outcome.
- Team Collaboration
- Attention to Detail – Ensures code quality, security, and performance optimizations.
- Adaptability - Quick to learn new technologies and frameworks to stay ahead in a fast-changing industry.
- Time Management - Efficiently prioritizes tasks to meet deadlines without compromising quality.

Research Projects

- Air Quality Monitoring and Analysis Predictive System:** Developed a React Native app using machine learning models (XGBoost, Random Forest) for air pollution monitoring and predictions.

Achievements

- President of the Majlis of SLIIT (2023–2024), spearheading initiatives and organizational events.
- Contributor to IEEE Student Branch at SLIIT, engaging in technical and community projects.

References are available on request