

AMAN MANTHIRA

Software Engineer

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PROFILE

Highly motivated Software Developer with experience in building scalable web applications and thriving in fast-paced environments. Quick to learn new technologies, adapt to challenges, and proactively contribute to team success. Expanding expertise in Quality Assurance (QA), specializing in manual and automated testing to enhance software reliability and performance. Committed to continuous learning, leveraging technical knowledge to solve real-world problems efficiently.

TECHNICAL SKILLS

- **Frontend:** HTML , CSS , JavaScript, React.js, TailwindCSS , Bootstrap
 - **Backend:** Laravel, Node.js
 - **Database Management:** SQL , MongoDB
 - **Tools:** Git , Postman , JMeter
 - **Other:** RESTful APIs, MVC Architecture, Service-Oriented Computing (SOC)
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WORK EXPERIENCE

Apps Technologies (Pvt) Ltd

Software Engineer - internship

MARCH 2024- JUNE 2024

- Developed and maintained websites using the Laravel framework.
- Collaborated with senior software engineers to implement best practices and optimize web applications.
- Worked on an ERP system using Laravel for backend development and integrated Bootstrap themes for the front-end.
- Led a team in reviewing attendance machine systems across 170 branches of Seylan Bank, personally covering 40+ branches independently. As the project leader, I guided team members through machine checks, addressed technical issues, and facilitated discussions to resolve problems. I also gathered feedback from branch managers and implemented system updates, resulting in a 15% improvement in system accuracy

Lakion

Full Stack Developer - internship

JUNE 2023 - DECEMBER 2023

- Developed software frontends using HTML, CSS, and Tailwind CSS.
 - Built full-stack web applications utilizing modern technologies for scalable and efficient client-side and server-side operations.
 - Used React.js for building interactive user interfaces and single-page applications.
 - Implemented RESTful APIs to enable seamless communication between front-end and back-end systems.
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EDUCATION

BSc (Hons) in Software Engineering (Final Year)

Cardiff Metropolitan University, ICBT Campus

GCE Advanced Level

Bandaranayake College

Completed: 2022

GCE Ordinary Level

Bandaranayake College

Completed: 2019

LEADERSHIP & ACTIVITIES

- **Member of Student Council, ICBT:** Organized events with 200+ participants, increasing student engagement by 30%
 - **Member Of Computer Society ICBT**
 - **Board Member Of Astronomy Society - Bandaranayake College :** Led a team of 10 members to organize workshops and stargazing events.
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PROJECTS

Dog Food Ecommerce Mobile App Using ReactNative

- Engineered full-stack mobile solution with JWT authentication, product catalog, cart system, and order tracking
- Built RESTful APIs (Node.js/MongoDB) supporting dynamic data flow for user profiles/purchases
- Designed intuitive UI/UX with React Native, featuring personalized shopping and pet care content sections
- Built a robust backend with scalable architecture, ensuring efficient order management and data interactions.

ASP.NET MVC Web Application for Dynamic Food Item Management

- Developed MVC web app enabling CRUD operations for 50+ food items with image uploads (MemoryStream)
- Designed a dashboard leveraging model binding for data visualization and inventory analytics.
- Enhanced user engagement through interactive cart design and optimized image processing
- Architected role-based access control for admin/customer workflows

Procurement Management System using MERN Stack

- Developed a feature-rich Procurement Management System using the MERN stack and MVC-S architecture with Service-Oriented Computing (SOC).
- Streamlined procurement processes with efficient management of suppliers, products, quotations, and user roles.
- Applied modern front-end practices using React and Tailwind CSS to create a sleek, user-friendly interface.
- Enabled printable, modern quotation receipts and robust communication between admins and suppliers.