



# AMAN MANTHIRA

## SOFTWARE DEVELOPER

Motivated Software Developer with experience in building scalable web applications and working in fast-paced environments. Proven ability to learn quickly, adapt to new challenges, and contribute proactively to team success. Currently expanding expertise in Quality Assurance (QA), focusing on manual and automated testing to ensure software reliability and performance. Committed to continuous learning and applying technical knowledge to solve real-world problems effectively.

## Experience

### (2024 March - June)

*Software Engineer - internship*

#### **Apps Technologies (Pvt) Ltd**

- 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

### (2023 june - December)

*Full Stack Developer - internship*

#### **Lakion**

- 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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## TECHNICAL SKILLS

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

## SOFT SKILLS

- Team Working
- Attention to Detail
- Time Management
- Leadership
- Creativity
- Agile Methodologies

## LANGUAGES

- Sinhala - Native
- English - Intermediate

## EDUCATION

### **BSc (Hons) in Software Engineering (Reading)**

Cardiff Metropolitan University, ICBT Campus

### **GCE Advanced Level**

Bandaranayake College  
Completed: 2022

### **GCE Ordinary Level**

Bandaranayake College  
Completed: 2019

## CERTIFICATIONS

- **The Agile Scrum Essentials**

Techcanvass | February 2025

[Certificate Link](#)

## TECHNICAL WRITING

- Understanding the MERN Stack and Its Importance in Modern Web Development – [Dev.to](#)
- New Technologies in Software Development for 2025 - [Dev.to](#)

## 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.
- **Cadet - Bandaranayake College Western Cadet Band :** Developed leadership and teamwork skills

## Projects

### **Dog Food Ecommerce Mobile App Using ReactNative**

- Developed a Dog food e-commerce mobile app using React Native, Node.js, and MongoDB.
- Features: User authentication, product catalog, product details, shopping cart, and order management.
- UI/UX: Created a user-friendly and visually appealing interface with a focus on seamless navigation.
- Account Management: Enabled user profile editing and personalized shopping experience.
- Offers & Articles Pages: Included sections for promotional offers and informative content on pet care.
- Backend Integration: Built robust backend with RESTful APIs to support dynamic data interactions.

### **ASP.NET MVC Web Application for Dynamic Food Item Management**

- Built a dynamic web application using ASP.NET MVC for managing food items and orders.
- Features: Food item catalog with image upload, interactive cart, and direct model-based data retrieval for dashboards.
- UI/UX: Designed a modern, luxurious user interface with a focus on a visually appealing cart page.
- Image Handling: Implemented image upload and processing using MemoryStream for efficient storage.
- Backend Logic: Leveraged ASP.NET MVC's model binding for streamlined data management.

### **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.
- Implemented modern front-end practices using React and Tailwind CSS for a sleek, user-friendly interface.
- Enabled printable, modern quotation receipts and robust communication between admins and suppliers.

### **Successfully completed manual testing for a Procurement management System**

- Conducted manual testing on key functionalities, including registration, login, user management, and product management.
- Used Jira, Postman, and JMeter for bug tracking, API testing, and load testing.
- Identified and documented bugs in Jira during development to ensure system stability and efficiency.