

# ANUSH THAMBIMUTHU

## Software Engineer Intern

📍 Colombo, Sri Lanka | 📞 +94 74 351 4678 | ✉ anushthambi@gmail.com | 📁 Portfolio  
| 🌐 Anush Thambimuthu | 🔄 ThambimuthuAnush24

### Profile

I am a motivated and passionate third-year IT undergraduate with strong teamwork and problem-solving skills. I am committed to continuous learning and applying emerging technologies to strengthen my technical expertise and professional growth. Currently, I am seeking a **Software Engineer Internship** to apply my skills and gain industry experience.

### Education

#### University of Moratuwa

B.Sc. (Hons) in Information Technology

May 2023 – Present

Colombo, Sri Lanka

- **CGPA: 3.32/4.00**

#### Jaffna Vayavilan Central College

G.C.E. Advanced Level (Physical Science Stream)

Jan 2008 – Aug 2021

Jaffna, Sri Lanka

- **Z-Score: 1.7865**
- Combined Mathematics – A | Chemistry – B | Physics – B

### Technical Skills

- Programming Languages: **Java, C, Python, Dart, JavaScript**
- Web Development: **React.js, Next.js, Django, Spring Boot, Tailwind CSS**
- Mobile Development: **Flutter**
- Database: **MySQL, PostgreSQL**
- Cloud: **Firebase, Microsoft Azure, Cloudinary**
- Tools & Platforms: **Git, GitHub, VS Code, Postman**

### Projects

#### Money Manager – Managing finances and expenses (Individual)

In Progress

**Technologies:** React.js, vite, Spring Boot, MySQL, Tailwind CSS, JWT Authentication

| 📄 GitHub |

- Built a fully functional **Income Tracker application** with category selection, emoji icons, and record management features
- Implemented **input validation, category-based filtering, and confirmation modals** for secure and user-friendly interactions
- Add real-time notifications and loading indicators to improve app responsiveness and user experience

#### Automobile Service Management System (Academic project)

In Progress

**Technologies:** React, MongoDB, MySQL, Node.js with Express.js, Spring Boot, Django, .NET, RabbitMQ

| 📄 GitHub |

- Developed a **microservices-based** system with modules for bookings, job assignment, parts inventory, billing, and live in-shop tracking, including role-based dashboards (Admin, Manager, Technician) and a customer-facing front end

#### Contributions

- Implemented **data analytics** for Admin, Manager, and Technician dashboards, and developed OTP and email notification services

#### HABITRO – AI-Powered Habit Tracking Platform with Gamification (Academic project)

Dec 2024 – Jul 2025

**Technologies:** Flutter, Django, MySQL, REST Framework, Next.js, Firebase

| 📄 GitHub |

#### Contributions

- Implemented a **secure authentication** system for the Flutter mobile app and Admin dashboard, integrating **token-based login, biometric sign-in** (Face/Fingerprint), and **social login** (Google/Facebook) using Firebase and Meta APIs
- Developed an interactive onboarding tutorial that introduces new users to key app features with restricted navigation to ensure full engagement
- Engineered a **gamified habit-tracking** experience enabling users to explore habits, track progress, and earn rewards (points, gems) upon completion
- Deployed a scalable cloud infrastructure on **Microsoft Azure** with integrated error monitoring and managed a MySQL database to ensure complete system data persistence

## Product Hub – An application to manage electronic products (Individual)

June 2025

### Technologies: Spring Boot, Thymeleaf, MySQL

|  GitHub |

- Implemented full Create, Read, Update, and Delete functionality for product management with proper validation and error handling
- Built using Spring Boot's MVC pattern with separate layers for controllers, services, and data models, ensuring maintainable and extensible codebase

## EduManage REST Service – A comprehensive student management system providing (Individual)

May 2025

### Technologies: Spring Boot, MySQL

|  GitHub |

- Provides full **CRUD** (Create, Read, Update, Delete) operations for student records through **RESTful endpoints**, enabling efficient student data management
- Follows **MVC** pattern with proper separation of concerns using Controller, Entity, and Repository layers, making the codebase maintainable and scalable, Tested and **validated APIs using Postman** to ensure performance and reliability

## EX Studios – Online Movie Ticket Booking Platform (Group Project)

May 2024 – Jul 2024

### Technologies: HTML, CSS, JavaScript

|  GitHub |

- Built a responsive movie ticket booking interface with seat selection, schedule viewing, and booking features
- Focused on mobile responsiveness, user experience, and performance optimization
- Collaborated in a team to ensure consistency and usability across the platform

## Automatic Jaggery Maker – Arduino-Based Smart Hardware Project (Group Project)

Sep 2023 – Mar 2024

### Technologies: Arduino, Sensors (Ultrasonic, IR), C/C++, Breadboard Prototyping

- Developed a microcontroller-based system to automate the entire jaggery production process
- Designed the system to accept jaggery syrup as input and produce solid jaggery as output without manual intervention
- Improved production efficiency, consistency, and safety in traditional jaggery-making methods

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## Achievements & Certificates

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|--|--------------------|
| • Introduction to DevOps – Coursera                        | <i>In Progress</i> |
| • Foundations of Spring Boot & MVC Architecture – Coursera | <i>Sep 2025</i>    |
| • Full-Stack React with Spring Boot – Coursera             | <i>Aug 2025</i>    |
| • Algo Xplore 1.0 Hackathon – NSBM Green University        | <i>Jan 2025</i>    |
| • Code Rush Coding Competition – INTECS UOM                | <i>Nov 2024</i>    |

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## Extracurricular Activities

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| • AIESEC Member & Team Leader (oGV) – Colombo South | <i>July 2023 – July 2025</i> |
| • TLA Batch Coordinator                             | <i>Aug 2023 – Aug 2024</i>   |
| • Cricket, Volleyball, Football and Carrom          |                              |

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## Soft Skills

- Problem Solving
- Time Management
- Critical Thinking
- Teamwork
- Leadership
- Communication

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## Referees

### Ms. W. M. R. M. Wijesuriya

Lecturer, Faculty of Information Technology

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### Mr. Sathiyananthan Ananthanesan

Software Engineer, IFS

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