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   *May 2023 – Present*
B.Sc. (Hons) in Information Technology   Colombo, Sri Lanka
- **CGPA: 3.32/4.00**

Jaffna Vayavilan Central College   *Jan 2008 – Aug 2021*
G.C.E. Advanced Level (Physical Science Stream)   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

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

Achievements & Certificates

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

Extracurricular Activities

- AIESEC Member & Team Leader (oGV) – Colombo South *July 2023 – July 2025*
- TLA Batch Coordinator *Aug 2023 – Aug 2024*
- Cricket, Volleyball, Football and Carrom

Soft Skills

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

Referees

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