

ANUSH THAMBIMUTHU

Software Engineer Intern

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Profile

I am a confident, energetic, and self-motivated third-year IT undergraduate who takes responsibility for tasks and completes them with assurance. I excel in team environments, fostering a positive work atmosphere and contributing to collective success. I embrace challenges as opportunities for personal and professional growth, continuously improving my IT abilities. My goal is to enhance the working environment while advancing my skills in the field of IT.

Education

University of Moratuwa, Colombo, Sri Lanka (Mar 2023 – Present)

B.Sc. (Hons) in Information Technology

- **CGPA: 3.30** (Out of 4.00)

Jaffna Vayavilan Central College, Jaffna, Sri Lanka (Jan 2008 – Aug 2021)

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

- **Z-Score: 1.7765**
- Combined Mathematics – A | Chemistry – B | Physics – B

Technical Skills

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

Projects

HABITRO – AI-Powered Habit Tracking Platform with Gamification | 🐙GitHub | 2025 |

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

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 | 🐙GitHub | 2025 |

Technologies: Spring Boot, Thymeleaf, HTML, CSS, MySQL

- 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 | 🐙GitHub | 2025 |

Technologies: Spring Boot, MySQL, Tested and validated using Postman for API performance

- 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

Technologies: HTML, CSS, JavaScript

- 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

| 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

- Participated in Algo Xplore 1.0 Hackathon (NSBM Green University, 2024)
- Participated in CODE RUSH Coding Competition (INTECS University of Moratuwa, 2024)

Extracurricular Activities

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

Soft Skills

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

References

Ms. W. M. R. M. Wijesuriya Lecturer, Faculty of Information Technology ✉ wijesuriyar@uom.lk ☎ +94 71 988 2759	Mr. Sathiyananthan Ananthanesan Software Engineer, IFS ✉ sathiyananthan.ananthanesan@ifs.com ☎ + 94 77 516 8512
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