

Sathnuwan Dassana

+94 70 345 8638 | dassana.ahs@gmail.com | linkedin.com/in/sdassana | github.com/daz-no

SUMMARY

Information Technology and Management undergraduate at the University of Moratuwa seeking a software engineering internship, with hands-on experience in full-stack development, database design, and role-based system architecture using Java, TypeScript, Angular, Node.js, Express, MySQL, and MongoDB.

EDUCATION

BSc (Hons) Information Technology and Management, University of Moratuwa — Expected 2028

- CGPA: 3.54
- Relevant Coursework: Data Structures and Algorithms, Software Engineering, Object-Oriented Analysis and Design, Database Systems, Web Programming

G.C.E. Advanced Level (Physical Science), Bandaranayake College, Gampaha — 2023

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, PHP, C, SQL, HTML/CSS
Frameworks and Libraries: Angular, Next.js, Node.js, Express, Tailwind CSS
Databases: MySQL, MongoDB, Firebase
Tools and Practices: Git, GitHub, Linux, CI/CD, RESTful APIs, JWT Authentication

PROJECTS

Airlux – Full-Stack Business Management Platform — 2025 – 2026

- Developed the Inventory Manager and Manager role modules of a platform covering product catalogue, orders, service tickets, procurement, and manager-level analytics
- Built REST APIs with Node.js, Express, and MongoDB for inventory CRUD, stock adjustments, and purchasing workflows
- Built Angular and Tailwind CSS dashboards, catalogue management, and approval workflows with Firebase authentication and JWT-based sessions

Technologies: *Angular, Node.js, Express, MongoDB, Firebase, JWT, Tailwind CSS*

The Cookie – Recipe-Sharing Blog | thecookie.lovestoblog.com — 2025 – Present

- Built a full-stack web application with user authentication, Markdown recipe authoring, multi-step instructions, comments, likes, and saves
- Designed a relational MySQL schema enforcing data integrity across users, ingredients, steps, and engagement data
- Secured PHP backend workflows with session management and PDO prepared statements
- Implemented search with pagination, cover image uploads, and a password-recovery flow; deployed live on InfinityFree with HTTPS

Technologies: *PHP 8, MySQL, Tailwind CSS, JavaScript, HTML5*

LEADERSHIP AND ACTIVITIES

Event Coordinator, Gavel Club of University of Moratuwa — 2024 – Present

- Appointed Event Coordinator for the term at 2026. Member since 2024.

Committee Member, IEEE ProComm Student Branch Chapter — 2025 – Present

Design Committee Member, IEEEXtreme 10.0 — 2026

Organizing Committee Member, Odyssey Newsletter, Rotaract Club of UoM — 2024 – 2025

- Member of design committee for editions 01, 03 and 04 of the club newsletter.