

# DASUN THEEKSHANA

Katubedda, Sri Lanka | +94 71 853 3408 | [dasuntheekshan@gmail.com](mailto:dasuntheekshan@gmail.com)  
LinkedIn: [linkedin.com/in/dasuntheek](https://www.linkedin.com/in/dasuntheek) | GitHub: [github.com/DTA-Wijesekara](https://github.com/DTA-Wijesekara)  
Portfolio: [dta-wijesekara.github.io](https://dta-wijesekara.github.io)

## PROFILE SUMMARY

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Highly motivated Information Technology undergraduate seeking a software engineering role to leverage a strong foundation in programming and a dedication to continuous learning. Eager to apply skills in full-stack development, cloud computing, and DevOps to collaborate with experienced professionals and develop high-quality software solutions.

## EDUCATION

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**University of Moratuwa** Moratuwa, Sri Lanka  
*B.Sc. (Hons) in Information Technology* *Jun 2022 – Apr 2026 (Expected)*

**CGPA:** 3.45 / 4.00 (Up to Level 2 Semester 2)

**Vijayaba National College** Hungama, Sri Lanka  
*GCE Advanced Level – Biological Science Stream* *Oct 2020*

**Results:** Physics: **B**, Chemistry: **A**, Biology: **B**

## CORE COMPETENCIES

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**Languages & Frameworks:** C#, .NET, Angular, React, Node.js, Flutter  
**Databases:** MySQL, MS SQL, Entity Framework Core  
**Cloud & DevOps:** Microsoft Azure, Docker, Docker Swarm, Kubernetes, CI/CD, Linux  
**Version Control:** Git, GitHub, Azure DevOps  
**Testing:** Jest, Unit Testing

## EXPERIENCE

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**Arithmos Pvt. Ltd** Remote / Hybrid  
*Software Engineer Intern* *Feb 2025 – Sep 2025*  
Contributed to the development of enterprise software solutions, gaining hands-on experience in the full software development lifecycle (SDLC).  
Collaborated with senior engineers to implement backend services using **.NET** and frontend interfaces with **React**.

**Certdirectory.io** Remote  
*Software Engineer (Part-Time)* *Apr 2025 – Dec 2025*  
Assisted in the maintenance and feature enhancement of web applications.  
Worked on backend optimization and database management tasks to improve system performance.

## PROJECTS

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**Payroll Management System** | *.NET, React, Tailwind CSS, MS SQL* May 2025 – Sep 2025  
Spearheaded the end-to-end development of a full-stack payroll management system.  
Successfully automated **salary report generation** for specific employees, reducing manual calculation time.  
Delivered integrated modules for comprehensive **leave, overtime, and loan management** to streamline HR financial workflows.  
Source: [GitHub Backend](#) / [Frontend](#)

**Enterprise Asset Management System** | *Angular, .NET, MSSQL* Aug 2023 – May 2024  
Engineered a **microservices-based** asset tracking web application to manage the lifecycle of company assets.

Developed an **API Gateway** with secure **JWT authentication** to handle user login, registration, and password management.

Collaborated with a team to ensure seamless integration between the frontend and distributed backend services.

Source: [GitHub Organization](#)

**Lap Lanka - Online Laptop Sales Platform** | *Node.js, Docker, CI/CD* Aug 2024 – Dec 2024

Designed and implemented **CI/CD pipelines** for a microservices architecture, automating the creation of Docker images and pushing them to Docker Hub.

Deployed containers on a virtual machine and optimized workflows to minimize downtime, currently targeting zero-downtime deployments.

Created comprehensive unit test cases for **Node.js** backend controllers using **Jest**.

**Foot Relaxing Machine (IoT)** | *Arduino, C++* Aug 2022 – May 2023

Created a microcontroller-based massaging machine offering comprehensive foot and calf therapy for a first-year university project.

Integrated rhythmic massaging movements, heated airflow, and an automated pain relief spray function.

## COURSES AND CERTIFICATIONS

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**DevOps and TechOps Industrial Expert Masterclass** – Nuwan Kaushalya

**Build ASP.NET Core Web API** – Scratch to Finish (.NET 8 API) (Udemy)

**Full Stack Web Apps with Angular & ASP.NET Core** – Entity Framework, JWT (Udemy)

**Complete Guide to Flutter SDK & Framework** – Building Native iOS/Android Apps

## COMPETITIONS

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**Hack Moral 6.0** – Organized by INTECS, University of Moratuwa (2024)

**Code Rush** – Organized by INTECS, University of Moratuwa (2023)

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## LEADERSHIP & VOLUNTEERING

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**Department Facilitator**, EXMO Exhibition – University of Moratuwa

**Committee Member**, Buddhist Society – Faculty of IT, University of Moratuwa

**Member**, LEO Club – University of Moratuwa

## REFERENCES

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**Dr. Lochandaka Ranathunga**

Senior Lecturer, Faculty of IT

University of Moratuwa

Email: lochandaka@uom.lk

Phone: +94 71 220 7030

**Mr. Hasanga Lakdinu**

Senior Software Engineer

Corzent Pvt Ltd

Email: hasangalakdinu@gmail.com

Phone: +94 77 968 5738