

# Thushanth Uthayarajan

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## PROFESSIONAL SUMMARY

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I am a third-year Computer Science and Engineering undergraduate, passionate in full-stack development and mobile application technologies. Demonstrates a robust background in software engineering and collaborative project management, with a drive to leverage technical proficiency for developing innovative and effective software solutions across a variety of industries.

## EDUCATION

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### University of Moratuwa

Moratuwa, Sri Lanka

*B.Sc. (Hons): Computer Science and Engineering*

*Expected Jan 2027*

- **GPA:** 3.51 / 4.0
- **Relevant Coursework:** Data Structures, Algorithms, Database Systems, Computer Networks, Software Engineering

### J/ Hartley College

Jaffna, Sri Lanka

*G.C.E. Advanced Level*

*2021 (2022 Release)*

- Stream: Physical Science — Results: 3A — Z-Score: 2.4582
- District Rank: 16 — Island Rank: 197

### J/ Hartley College

Jaffna, Sri Lanka

*G.C.E. Ordinary Level*

*2018*

- Results: 9A

## PROJECTS

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### Individual Projects

#### AI Background Remover 🐙

Jul 2025 – Ongoing

- Developing an AI-powered SaaS app using Clipdrop API, capable of processing 200 images per hour for background removal.
- Securing with JWT authentication and Razorpay for payment processing.
- **Tech Stack:** React.js, Spring Boot, Tailwind CSS

#### E-Commerce Website 🐙

Apr 2025 – May 2025

- Built a full-stack shopping platform with user authentication, cart, and order management features.
- Enhanced backend APIs with Express and frontend with React.
- **Tech Stack:** React.js, Node.js, Express.js, MongoDB, JWT, Tailwind CSS

#### Mobile Movie App 🐙

Apr 2025

- Designed a responsive user interface for a mobile application for viewing and downloading movies.
- Leveraged Appwrite for authentication and backend services.
- **Tech Stack:** React Native, Appwrite, Tailwind CSS

#### Login System 🐙

Mar 2025

- Developed a secure user login and registration system with password hashing and session management.
- Implemented role-based authentication and responsive UI for better user experience.
- **Tech Stack:** HTML, CSS, JavaScript, MySQL

## Academic Projects (Group Projects)

### Real-Time Collaborative Code Editor

Jul 2025 – Ongoing

- Building a collaborative code editor with live updates, syntax highlighting, and in-editor chat.
- Integrating GitHub API for version control; implemented backend testing and AWS deployment.
- **Tech Stack:** React, Next.js, Monaco Editor, Socket.IO, MongoDB, GitHub API

### Supply Chain Management

Oct 2024

- Produced a database-driven supply chain management application, integrating 2 technologies: MySQL and React frontend.
- Contributed to implement frontend pages using React and JavaScript to enable user interaction and data visualization.
- **Tech Stack:** React, JavaScript, MySQL

## TECHNICAL SKILLS

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- **Languages:** JavaScript, Java, C++, Python
- **Frontend:** React.js, React Native, Next.js, Tailwind CSS, Monaco Editor
- **Backend:** Node.js, Express.js, Spring Boot
- **Database:** MySQL, MongoDB
- **DevOps/Tools:** Git, Socket.IO
- **Others:** Data structures, OOPs

## CERTIFICATIONS

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Full Stack Developer – Simplilearn 

Introduction to MERN Stack – Simplilearn 

## EXPERIENCE & MEMBERSHIP

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### CodeJam – Student Mentor

Apr 2025

*Department of Computer Science and Engineering, University of Moratuwa*

*Sri Lanka*

### Program Coordinator – Careers Day 2025

Jan 2025

*Department of Computer Science and Engineering, University of Moratuwa*

*Sri Lanka*

### IEEE Student Member

Mar 2025

*Institute of Electrical and Electronics Engineers*

*Sri Lanka*

## LANGUAGES

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- Tamil: Fluent
- English: Fluent
- Sinhala: Basic

## REFERENCES

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Prof. (Ms) Dulani Meedeniya  
Semester 5 Coordinator  
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Department of Computer Science & Engineering,  
University of Moratuwa, Sri Lanka

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