

Sivapriya Sivapragasam

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PROFESSIONAL SUMMARY

Currently a 3rd-year Computer Science and Engineering undergraduate at the University of Moratuwa with a strong passion for Software Engineering. Possess hands-on experience in delivering full-stack web applications and currently developing an individual mobile application project. Enjoy working on both frontend and backend development. Highly motivated to enhance my career and contribute to innovative solutions in the software engineering industry.

EDUCATION

University of Moratuwa Moratuwa, Sri Lanka
B.Sc. (Hons) Computer Science and Engineering 2023 – 2027

- **GPA:** 3.31/4.0

J/ Hindu Ladies College Jaffna, Sri Lanka
G.C.E. Advanced Level (Physical Science) 2021 (Results 2022)

- **Results:** 3A **Z-Score:** 2.5178 **District Rank:** 10 **Island Rank:** 144

J/ Hindu Ladies College Jaffna, Sri Lanka
G.C.E. Ordinary Level 2018

- **Results:** 8AB

KEY PROJECTS

Academic Projects

Subscription-Based Online Course Platform 🔄 Jul 2025 – Ongoing

- Full-stack development of a responsive online learning platform enabling course subscriptions, progress tracking, and auto-generated certificates.
- Integrating Stripe for payments, implementing role-based authentication, and optimising backend APIs for scalability.
- Contributing to the development of the Home.jsx frontend page until Aug 2025.

Tech Stack: React.js, Express.js, Node.js, MongoDB

Web Application for Banking Management 🔄 Aug 2024 – Oct 2024

- Developed secure JWT-based role authentication and RESTful APIs for account management, transactions, and reporting.
- Created multiple API endpoints, Implemented and optimized SQL stored procedures.

Tech Stack: React.ts, Express.js, Node.js, MySQL

Individual Projects

Invoice Generator Web Application 🔄 Jul 2025

- Created an invoice creation tool with secure login, live preview, PDF export (jsPDF/html2canvas), and email integration.

Tech Stack: React.js, Spring Boot, MongoDB

Web Application for E-Commerce

Apr 2025

- Built end-to-end e-commerce features including product browsing, cart management, and checkout with secure Passport.js/JWT authentication.

Tech Stack: React.js, Express.js, Node.js, MongoDB

Mobile Movie App

Jul 2025 – Ongoing

- Developing a cross-platform movie app using React Native, Expo, and TMDB API, integrated with Appwrite backend authentication.

Tech Stack: React Native, Appwrite


TECHNICAL SKILLS


- **Languages:** Java, Python, JavaScript , C++
- **Frameworks & Libraries:** React.js, Node.js, Express.js, Spring Boot, Tailwind CSS, React Native
- **Databases:** MySQL, MongoDB
- **Tools & Platforms:** GitHub
- **Others:** Data Structures & Algorithms, OOP Concepts

SOFT SKILLS

- Problem-Solving & Analytical Thinking
- Time Management and Prioritization
- Team Collaboration and Adaptability to New Technologies
- Leadership and Mentoring (Student Mentor Experience)

CERTIFICATIONS

Full Stack Developer – Simplilearn (2025) 

Introduction to MERN Stack – Simplilearn (2025) 

HONORS & AWARDS

MoraXtreme 9.0 IEEE (Participant)

SpiritX Inter-University Development Competition (Participant)

VOLUNTEERING & MEMBERSHIP

CodeJam – Student Mentor, University of Moratuwa (Apr 2025)

Program Coordinator – Careers Day 2025 (Jan 2025)

IEEE Student Member (Since Mar 2025)

REFERENCES

Prof. (Ms) Dulani A. Meedeniya
Semester 5 Coordinator
Department of Computer Science & Engineering
Faculty of Engineering, University of Moratuwa
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Dr. Adeesha Wijayasiri
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