

LAXMAN THAVENDERAN

Software Engineer | Full-Stack & Mobile Developer Intern



PERSONAL DETAILS

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PROFILE

A motivated Computer Science student with practical knowledge of both front-end and back-end web development technologies. Eager to apply theoretical concepts to real-world software engineering challenges during an internship.

EDUCATION

Bachelor of Science in Computer Science (BSc (Computer Sc.)) Jun 2022 - Present
Trincomalee Campus, Eastern University, Sri Lanka, Trincomalee

- Learned principles of web development, including front-end and back-end technologies, to build dynamic applications.

SKILLS

HTML5	CSS3
JavaScript	Java
PHP	C++
Python	React.js
MySQL	MongoDB
GitHub	Visual Studio Code

LANGUAGES

English

Tamil

Sinhala

CERTIFICATES

Python Foundation

May 2025

Completed an introductory course covering Python basics including variables, data types, control structures, functions, and hands-on coding exercises. Gained foundational skills in writing and understanding Python programs.

Earned a certificate of completion Self-paced online course (1.5 hours)

Python Fundamentals for Beginners

May 2025

Python Fundamentals for Beginners – *Great Learning Academy* Completed a beginner-friendly course covering Python basics such as data types, variables, loops, conditionals, and functions. Built a strong foundation in writing simple Python programs. *Duration: ~1.5 hours | Certificate earned*

Python for Machine Learning

May 2025

Python for Machine Learning – *Great Learning Academy* Completed a beginner-level course covering data analysis and machine learning basics using Python libraries like NumPy, Pandas, and Matplotlib. Gained hands-on experience with data manipulation and visualization. *Duration: ~2.25 hours | Certificate earned*

COURSES

Certified Full Stack Developer

Present

Certified Full Stack Developer – *freeCodeCamp* Completed an extensive curriculum covering frontend and backend development using HTML, CSS, JavaScript, React, Node.js, Express, and MongoDB. Built full-stack web applications and completed hands-on projects to reinforce practical skills. *~1,400+ hours | Certificate earned*

PROJECTS

1. Final Year Project: Upcycling Waste Material Art Generation *Technologies:* React.js, Tailwind CSS, Flask, CNN Developed a web app that classifies images of waste materials using a CNN model and suggests DIY upcycling art ideas to promote sustainable reuse. Combined machine learning with responsive frontend design for an interactive environmental tool.

2. To-Do List App *Technologies:* React.js, CSS Created a dynamic to-do list app with task creation, deletion, and filtering features. Utilized React hooks and local storage for data persistence.

3. Login Feature *Technologies:* React.js, Local Storage Implemented user login/logout functionality with React hooks. Managed authentication state and stored user data securely in local storage for session persistence.

4. Airline Reservation System *Technologies:* C++ Built a console-based system simulating ticket booking, cancellations, and seat availability. Features include flight schedules, user authentication, and file-based data storage. Strengthened object-oriented programming and problem-solving skills.