

# Manuranga Jayawardhana

## Software Engineer Intern

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📍 Embilipitiya, Sri Lanaka

### ABOUT ME

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I am a proactive and dedicated final-year Computer Engineering undergraduate with a strong aptitude for teamwork and problem-solving. I am an enthusiastic learner, eager to explore emerging technologies and apply innovative ideas to drive success and growth in any organization I contribute to.

### EDUCATION

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- FACULTY OF ENGINEERING UNIVERSITY OF JAFFNA 2021 - present  
B Sc. (Hons) in Computer Engineering Final Year Undergraduate
- MO/KOULARAGAMA NATIONAL COLLAGE 2017 - 2019  
G.C.E. A/L Examination 2019 (New Syllabus), Z Score - 1.732

### PROJECTS

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#### STUDENT LOG | [GitHub](#) | Individual project | 2024

- Built a full-stack student management system with CRUD functionality and a responsive interface.
- Improved data management and user experience using React, Spring Boot, and MySQL.
- Technologies:** Java Spring Boot, React.js, MySQL, Postman, GitHub, Full Stack

#### JOBHUB | [GitHub](#) | Individual project | On going

- Built a REST API for job listings, companies, and reviews with Docker and PostgreSQL.
- Gained experience about microservices. Ongoing frontend integration.
- Technologies:** Spring Boot, Spring Boot MVC, JPA, H2, PostgreSQL, Docker, Spring Boot Actuator, Back End

#### CINEMASPHERE | [GitHub](#) | Individual project | 2024

- Built a movie review app with a decoupled architecture for scalable client-server interaction.
- Gained experience in full-stack development with MongoDB, Spring Boot, and React.
- Technologies:** MongoDB, Java, Spring Boot, React, Bootstrap, Postman, Full Stack

#### UNIVERSITY EXAM HALL BOOKING SYSTEM | [GitHub](#) | Group project | 2024

- Developed an Exam Hall Booking System with user management and Outlook integration.
- Gained front end development experience using React.js and interact with .Net.
- Technologies:** HTML, CSS, JavaScript, C#, React.js, .NET Core, Web API, Bootstrap, MySQL (Azure), MS SQL Server, Jira, Postman, GitHub, Figma, Full Stack
- Contribution:** Developed the front end using React.js, implementing user interface components.

#### DECENTRALIZED LEDGER TECHNOLOGY FOR IMMUTABLE VEHICLE HISTORIES (Group project | Ongoing)

- Final Year Research Project**
- Developing a blockchain-based system for secure, tamper-proof vehicle history tracking, ensuring data immutability, traceability, and fraud prevention in the vehicle market.
- Technologies:** Blockchain, Ethereum, Smart Contracts, Node.JS, React, Web3js

## TECHNICAL SKILLS

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- **Languages** Java, Python, C++
- **Frameworks** Spring Boot
- **Web Development** ReactJS, HTML, CSS, JavaScript
- **Cloud** AWS, Google cloud
- **Database** MySQL, PostgreSQL, MongoDB
- **Other tools** Git, GitHub, Docker, Jira, Figma
- **Testing** Postman, Junit
- **Data Science & AI** Machine Learning, Deep Learning, Artificial Intelligence, Data Mining

## SOFT SKILLS

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- Excellent Communication
- Excellent Team Work
- Leadership
- Time Management
- Problem Solving
- Adaptability

## LANGUAGES

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- **English:** Full working proficiency
- **Sinhala:** Native language

## COMPETITIONS

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- IEEE Predicta1.0 2024
- ACES Coders 2024
- MORAXTREAM 9.0 2024

## CERTIFICATIONS

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- Introduction to Web Development with HTML, CSS, JavaScript 2023 IBM - Coursera
- Developing Front-End Apps with React 2024 IBM - Coursera
- Python for Data Science, AI & Development 2024 IBM - Coursera
- Introduction to NoSQL Databases 2024 IBM - Coursera
- Building Scalable Java Microservices with Spring Boot and Spring Cloud 2024 Google Cloud - Coursera

## EXTRA CURRICULAR ACTIVITIES

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- CES member
- ESU Executive Member
- Cricket team member

## REFEREES

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