# RUSIRU IMANJAYA DEVINDA

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## SUMMARY

Passionate and motivated Software Engineering undergraduate with a solid foundation in programming, problem-solving, and software development. Eager to apply academic knowledge in practical settings, learn new technologies, collaborate effectively, and contribute to real-world projects while continuously improving and growing in the IT field.

## EDUCATION

**BSC (HONS) IN INFORMATION TECHNOLOGY SPECIALIZATION: SOFTWARE ENGINEERING**

Sri Lanka Institute of Information Technology (SLIIT)
GPA - 3.27
Expected graduation -2027

**GCE ADVANCED LEVEL EXAMINATION   2021/2022**

Stream - Physical Science
Ananda College, Colombo 10

## SKILLS SUMMARY

- Programming Languages:   JavaScript, Java, Python
- Web Development:   HTML, CSS, MERN Stack, Spring Boot
- UX/UI Design:   Figma
- Databases:   MongoDB, MySQL
- Tools/Platforms:  Git, GitHub, Visual Studio Code, Jupyter Notebook, Trello
- Soft Skills: Problem-solving, Team collaboration, Critical thinking, Communication, Adaptability

## PROJECTS

**AIRPORT SERVICES MANAGEMENT WEB APPLICATION  |  LINK**

Full-Stack Development | Team Project | SLIIT
Tech Stack: MERN (MongoDB, Express.js, React.js, Node.js), TypeScript
March 2025 - May 2025
- Implemented secure role-based authentication with Asgardeo, built RESTful APIs and MongoDB schemas for booking and flight data, integrated real-time external APIs, and designed React + TypeScript dashboards for bookings and live updates.

**ML-BASED SENTIMENT ANALYSIS SYSTEM  |  LINK**

Machine Learning Development | Individual Project
Tech Stack: Python, Flask, NumPy, NLTK, Scikit-learn, Pandas, Matplotlib, Azure, GitHub
January 2025
- Built a sentiment analysis system to classify customer feedback using NLTK for preprocessing and a Scikit-learn Logistic Regression model for classification. Deployed a real-time prediction pipeline with Pickle and created a Flask web app with an interactive UI, hosted on Azure with GitHub version control.

**EMPLOYEE MANAGEMENT SYSTEM  |  LINK**

Full-Stack Development | Team Project
Tech Stack: Spring Boot, React.js, MySQL
January 2025
- Built a full-stack Employee Management System using React, Spring Boot, and MySQL to manage employee data efficiently. Developed a responsive, user-friendly interface, implemented secure RESTful APIs for backend–frontend communication, designed optimized database schemas, and created modular React components for scalability and maintainability.

## CERTIFICATIONS

**AI/ML ENGINEER - STAGE 1 | CERTIFICATION**
Centre for Open and Distance Education, Faculty of Computing - SLIIT, Issued July 2025

**WEB DESIGN FOR BEGINNERS | CERTIFICATION** (Verification code - InlrnH0hKI)
Centre for Open and Distance Learning (CODL), University of Moratuwa, Issued July 2025

**MONGODB FUNDAMENTALS | CERTIFICATION**
MongoDB University, Issued Jan 2025

## REFEREES

**Dr.KAPILA DISSANAYAKE**
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