



# ACHINI DE SILVA

IT Undergraduate

## Projects

### Visionary - Career Path Finder

| 2025 Aug - Nov

- Allows users to input their interests and explore potential career or learning paths based on an existing dataset using **Python**

### Vehicle Spare parts and Repair Management System

| 2025 Feb - April

Stack - MongoDB, Express.js, React, and Node.js

- Built the Finance module in **MERN** for COSMO EXPORTS LANKA (LTD). Enabled real-time income/expense tracking, petty cash, bank book, Profit and Loss statements, and balance sheet reports. Added a simulated payment gateway with validation and report generation.

### Budget Flow - Personal Finance Tracker Mobile App

| 2025 April

- Developed a feature-rich Android mobile application using **Kotlin** and **Android Studio** to help users track income, expenses effortlessly.
- Designed an intuitive user interface and implemented persistent data storage using Shared Preferences to ensure a smooth and reliable user experience.

### Video Lane - Online Video Browsing System

| 2024 Aug - Oct

- Built the complete user management system using **Java Servlets** and **MySQL**, including functionalities such as user registration, authentication, and profile management.
- Ensured secure handling of user data and optimized database queries for performance and scalability.

## Technical Skills

**Programming Languages:** Python, R, Java, C, C++, JavaScript, PHP

**Web Technologies:** HTML, CSS, MERN Stack

**Database Systems:** MySQL, MongoDB

**Tools:** Postman, Power BI, Jupyter Notebook

## Profile

A passionate Third-year undergraduate of Sri Lanka Institute of Information Technology (SLIIT) who is following BSc (Hons) in Information Technology Specializing in IT

## Contacts

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## Education

### Sri Lanka Institute of Information Technology

[2023 – present]

- Current CGPA – 3.59 / 4.0
- Received Dean's List Award for Year 1 Semester 2 – GPA 3.83

### Anula Vidyalaya, Nugegoda

[2009-2023]

- Passed G.C. E A/L Examination 2022(2023) with 3 A s (Accounting, Economics, ICT) in commerce stream
  - District Rank – 191
  - Island Rank – 627
  - Z score – 1.9858

## References

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