RAVINDU PERERA

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SUMMARY

Enthusiastic and driven undergraduate with a strong interest in python application development and full-stack development. Eager to learn more about the broad field of information technology and motivated to find novel solutions and contribute significantly to the field. Eager to develop, learn, and produce significant projects that challenge the limits of what is conceivable in the digital realm.

TECHNICAL SKILLS

- C++
- C
- Python
- Java
- Javascript
- HTML
- CSS
- SQL

LANGUAGES

- Sinhala
- English

INTEREST

- Basketball
- Cricket
- Swimming

KEY SKILL

- Organizing
- Teamwork
- Problem-solving

EDUCATION

Bachelor of Science (Hons) in Information Technology
Specialized in Software Engineering
Sri Lanka Institute of Information Technology (SLIIT)
2023 – 2027 (Expected)
Undergraduate Student

Completed G.C.E O/L Examination in December 2019 with 6-A passes, 3-B passes and 1-C pass

Completed G.C.E A/L Examination in the commerce stream in January 2023,
- Accounting   - A
- Economics   - A
- Buisness Statistics - C

Isipathana College, Colombo 5
Studied from 2009-2022.

CERTIFICATIONS

- AI for Beginners (E-Certificate) | HP LIFE | Completed : Dec 2024
- Python for beginners (E-Certificate) | University of Moratuwa | Completed : Nov 2024
- Artificial Intelligent Fundamentals (E-Certificate) | Great Learning
- Python projects for beginners (E-Certificate) | Great Learning

ACADEMIC PROJECTS

- **Construction Management System |** Role : Full Stack Developer

  Technologies : HTML ,CSS ,Javascript ,PHP, SQL
  Github Repository : View on Github

- **Movie Browsing System |**   Role : Full Stack Developer
  Technologies : HTML ,CSS ,Javascript , java, SQL
  Github Repository : View on Github

- **My Wallet App - Personal Finance Tracker App** | Github Repository: View on Github

  Android Studio | Kotlin | XML| SharedPreferences

  Individual Project – Mobile Application Development Module

  Duration: April 2025 – May2025

  - Developed an Android app for tracking income, expenses, and budgets.
  - Implemented CRUD operations and monthly budget alerts.
  - Used SharedPreferences for persistent local storage.
  - Designed a clean UI with XML layouts.
  - Added features for data backup/restore and category-wise summaries.
  - Integrated daily reminders to encourage spending awareness.

- **SmartStiches - Garment management system** | Github Repository : View on Github

  MERN Stack (MongoDB| Express.js| React.js| Node.js)

  Group Project – Individual Contribution: Cost Estimation & Invoice Generation

  Duration: February 2025 – May2025

  - Designed and implemented the cost estimation module with auto-calculated totals and itemized breakdowns.
  - Enabled email-based customer approval with real-time status tracking in the order view.
  - Developed the invoice generation feature with PDF export and email delivery.
  - Built searchable history pages for cost estimations and invoices.
  - Implemented full CRUD functionality for both modules.
  - Collaborated via GitHub and integrated backend APIs using Node.js and MongoDB.
  - Technologies: React, Node.js, MongoDB, Express, EmailJS, JavaScript, CSS.

PERSONAL PROJECTS

- **Personal Projects - Python**

  Technologies: Python, Tkinter, pyttsx3

  GitHub Repository: View on Github

  - Guess the Number Game: GUI-based number guessing game built using Tkinter.
  - Rock-Paper-Scissors Game: Command-line game using basic conditionals and logic.
  - Simple Calculator: Basic GUI calculator developed with Tkinter.
  - Text-to-Speech Converter: Desktop application built using Tkinter and pyttsx3.

- **Student Management System (Ongoing) |** Role : Full Stack Developer

  Technologies : MongoDB, Express, React, Node.js

  Github Repository : View on Github

REFERENCES

Dr. Dinuka R. Wijendra

Senior Lecturer – Higher Grade

Department of Information Technology

Faculty of Computing, SLIIT

Email: dinuka.w@sliit.lk

Dr. Samantha Rajapaksha

Senior Lecturer – Higher Grade

Head, Department of Information Technology

Faculty of Computing, SLIIT

Email: samantha.r@sliit.lk