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🏠 Hanguranketha, Sri Lanka

ABOUT ME

I'm motivated and dedicated with a passion for technology. Committed to continuous learning and growth in the field of Computer Engineering.

EDUCATION

University of Peradeniya

BScEngHons specializing in Computer Engineering
Current GPA: **3.30/4.00** | Mar. 2021 - Present

Poramadulla Central College

G.C.E. Advanced Level

Z – Score: **2.1221** | Jan. 2006 – Dec. 2019

TECHNICAL SKILLS

• Programming Languages

Python, Java, C, JavaScript, C++, VHDL, PHP

• Database Systems

MySQL, MongoDB

• Frameworks

React.js, Express.js

• Project Management Tools

GitHub, Jira

CERTIFICATIONS

• Programming for Everybody
(Getting Started with Python)



• Supervised Machine Learning:
Regression and Classification



COMPETITIONS

• Hackathon: Participation (Code Explorers)

• Coders: Participation (Byte Bandits)

VOLUNTEERING

• “Arunella” Social Service Project

▪ Coordinator at Mandaramnuwara Udawela
Secondary School (2022 - 2023)

▪ Batch Coordinator (2024 - present)

REFERENCES

Prof. Roshan G. Ragel

Head of the Department,
Department Of Computer Engineering,
University Of Peradeniya,
Sri Lanka.

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PROJECTS

• Automated Sun Tracking System | Group | 🤖

Developed an advanced solar tracking and energy monitoring system. Utilizing dual-axis rotation for optimal energy generation, it offers real-time data, predictive analytics, and a user-friendly interface.

Technology stack: **JavaScript, React, Express.js, Node.js, MySQL**

• Online Retail System | Group | 🤖

Built an eBay-like e-commerce platform with simplified features for Customers and Store Owners. Potential to integrate a recommender system for enhanced user experience.

Technology stack: **JavaScript, React, Express.js, Node.js, MySQL**

• Simple Phone Book | Individual | 🤖

The application allows users to add, edit, delete, and search for contact information, including names, phone numbers, and email addresses.

Technology stack: **JavaScript, React, Express.js, Node.js, MongoDB**

• E - Commerce Website | Group | 🤖

Created a user-friendly online shopping platform with features like sale browsing, top product showcases, categorization, secure transactions, and customer authentication.

Technology stack: **PHP, MySQL, HTML, CSS**

• Building an 8-bit Single Cycle CPU | Group

Developed an 8-bit single cycle processor with an ALU, register file, control logic, data memory, data cache, Instruction memory and Instruction cache.

Technology stack: **Verilog HDL**