PIYUMI CHAN

ENGINEERING UNDERGRADUATE

Contact

📞 +94765867087

✉ chan.19@cse.mrt.ac.lk

📍 Pawani, Meda Mawatha, Ella Road, Kurundugaha, Elpitiya.

in www.linkedin.com/in/piyumi-chan

○ https://github.com/YumeChaan

Skills

Technical Skills

- Python
- Java
- HTML
- CSS
- JavaScript
- React
- NodeJS
- MySQL

Personal Skills

- Teamwork
- Problem Solving Skills
- Flexibility
- Creativity
- Responsibility

About Me

I am a hardworking and ambitious individual with a great passion for computer science and programming. I am eager to learn and use new technologies. I am willing to grow with a supportive team. I am keen to share my ideas, work hard for the company and gain new experience to develop myself and the company.

Projects

- **Agriculture Marketplace: Farm To Mart (Web Application)**

  August 2022 - Present

  - A marketplace for farmers to sell crop yields and buyers to buy crop yields.
  - Collecting data about the crops from authorized parties and visualizing data.
  - Technologies using: React, NodeJS, MongoDB
  - I am still contributing to develop the frontend. Hope to contribute to develop the backend soon.

- **B Airline Reservation System (Web Application)**

  Database Management Project
  February 2022 - June 2022

  - An online platform to book flights. Both registered users and guest users can book flights.
  - Admin can generate various reports such as revenue, past flight details, booking details.
  - Technologies used: Bootstrap, MySQL, NodeJS, EJS
  - I contributed to develop the full stack.

- **24/7 Gym Management System (Web Application)**

  February 2022 - July 2022

  - An online gymnasium which allows customers to schedule time slots, get meal plans and get workout plans.
  - Technologies used: React, NodeJS, MySQL, Bootstrap
  - I contributed to develop the frontend.

Achievements

IEEExtreme 15.0
- World rank: 1218
- Island rank: 142

MoraXtreme 6.0
- Rank: 59

Decode 1.0
- Rank: 13

Languages

- English - Professional proficiency
- Sinhala - Native

Extra Curricular Activities

- Human Resource team member of ACM student chapter.
- An active member of LEO club University of Moratuwa
- Organizing committee member of "Diriya Arunalu" volunteer teaching program.

Non-related Referees

Prof. Dulani Meedeniya
Department of Computer Science and Engineering
Faculty of Engineering
University of Moratuwa
Sri Lanka
Email: dulanim@cse.mrt.ac.lk
Phone: +94713935801

Dr. Thanuja D. Ambegoda
Senior Lecturer
Department of Computer Science & Engineering
Faculty of Engineering
University of Moratuwa
Sri Lanka
Email: thanuja@cse.mrt.ac.lk
Phone: +94702655273

Vehicle Collision Warning System

February 2022 - June 2022

- A safety system that warns, or alerts drivers in avoiding impending collisions and lowering the risk of an incident.
- To capture objects OpenCV is used and Yolov3 is used for object detection. To predicted the movement of each vehicle for two seconds ahead, Kalman filter is used. Python used for coding.

Covid-19 Relief Management System (Web Application)

July 2021 - January 2022

- An online platform for people who are willing to help the needed people during the pandemic situation.
- Donors can donate money, medicine and goods. People who need financial support and Covid19 patients can request for financial support and medicine.
- Technologies used: Bootstrap, PHP, MySQL
- I contributed to develop full stack.

Student Request Management System (Web Application)

February 2021 - April 2021

- A web application to maintain students' requests of an educational institute.
- Technologies used: PHP, MySQL, Bootstrap
- I contributed to develop the frontend.

Education

University of Moratuwa

BSc Hons Engineering | Jan 2020 - Present

- Department of Computer Science and Engineering
- Current GPA : 3.75

Southlands College

GCE Advanced Level - 2018

- Physical Science stream
- All 'A' passes for Combined Mathematics, Physics, Chemistry and General English
- Island Rank: 402
- Z score: 2.0646

GCE Ordinary Level - 2014

- All "A" passes including Business and Accounting, ICT and English Literature.