Chandupa Marapana
Software Engineering Undergraduate

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Portfolio Website

PROFILE

I am a software engineering student with a fervent drive for innovative solutions. Proficient in diverse programming languages and experienced in software development methodologies, I possess robust problem-solving skills. A quick learner, I am eager to contribute my technical expertise in a dynamic, collaborative environment, ensuring impactful contributions to projects and continuous personal growth in the ever-evolving field of software engineering.

EDUCATION

2022 – present Colombo	**Reading BEng (hons) Software Engineering,** Informatics Institute of Technology
2019 – 2022 Kegalle	**GCE Advanced Level,** Kegalu Vidyalaya Completed Advanced Level in the Maths Field
2018 Kegalle	**GCE Ordinary Level,** Royal International School Kegalle Completed GCE ordinary Level in 2018

DEGREE MODULES

Software Developement

Web Designing and Development

Object Oriented Programming

Database Systems

Computer Systems and Fundamentals

Server Side Web Development

Software Development Group Project

Algorithms: Theory, Design and Implementation

PROJECTS

GestureSway, Hand gesture based snake game, (Python, React, Mongodb, nodeJs)
GestureSway, a collaborative second-year project with five members, presents a web application housing a snake game controlled through hand gesture recognition technology. Designed with machine learning for gesture recognition and the MERN stack for web development, our platform mainly targets the patients with hand mobility issues.

Shopping Manager Console, (Java, JavaSwing)
A shopping manager console was created using java and a user interface of the shopping center was created using javaswing. This project was an individual coursework for the Object Oriented Programming module

Queue Management System, (Java)

This was coursework in the Software development 2 module in the 1st year, where a queue management system for a burger shop was developed using Java

CricZone - Website for Cricket lovers, (HTML , CSS , Javascript)

This was a group project consisting of 4 members where a website about cricket was developed using HTML,CSS and Javascript .

Progression Prediction System, (Python)

This was a Coursework for the 1st year Software development 1 module, where a Progression Prediction System for students in an institute was developed using python.

Number Guessing game, (Python)

A number guessing game was created using python where the user must guess the correct number sequence with having limited number of chances

SKILLS

Technical Skills, React, php, Mongodb, Node.Js, Java , Javaswing, Python , HTML , CSS , Javascript , SQL , GIT , Microsoft Office

Soft Skills, Team Work , Time Management , Leadership , Quick Learner , Hardworking , Communication , Active listening , Self Motivation

EXPERIENCE AND ACHIEVEMENTS

Member of the IEEE Club of IIT

Member of the IEEE Computer Soceity of IIT

Member of the Rotaract Club of IIT

Senior Prefect, Royal International School Kegalle

Member of the School Western Band, Royal International School Kegalle

Junoir Prefect, Royal International School Kegalle

Tech Triathlon - Designation Challenge, Participated in a hackathon organized by Rootcode labs.

NON-RELATED REFEREES

Hasini Kasthuriarachchi, Assistant Lecturer
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DECLARATION

I declare that the information provided in this CV is accurate and complete to the best of my knowledge