



PRAGEETH WICKRAMAARACHCHI

COMPUTER ENGINEERING UNDERGRADUATE

CONTACT

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- Nittambuwa, SriLanka

PERSONAL SKILLS

- Management Skills
- Teamwork
- Attention to Detail
- Critical Thinking
- Problem Solving
- Leadership

TECHNICAL SKILLS

Programming Languages

Python, Javascript, C, Java, PHP, Verilog HDL, ARM Assembly

Database and Cloud

MySQL, mongoDB, AWS

Tools

Figma, Git, Notion

Libraries and Frameworks

React, Express, OpenCV, Numpy, matplotlib, Scikit learn

LANGUAGES

- Sinhala
- English

PROFILE

I am a dedicated, hardworking, and proactive individual with keen interest to explore new things in the field of computer engineering. I am seeking a position where my skills can utilize, gain valuable experience as a trainee, and work towards becoming a successful professional within the industry.

EDUCATION

- Bachelor of Science of Engineering**
University of Peradeniya 2021 - PRESENT
Current GPA - 3.65 / 4.00
- GCE Advanced Level**
Bandaranayake College Gampaha 2014 - 2017
Z Score - 1.643

EXPERIENCE

- Casual Instructor - University of Peradeniya**
Worked as a casual instructor to assist 2nd year computer engineering undergraduates in labs.
Courses - CO221 - Digital Design
CO226 - Database Systems
CO225 - Software Construction
- Coordinator - Hirdaramani Knit**
Worked as a coordinator in the IT section of the finishing department.

PROJECTS

Event Attendance Management System | Group NOV 2023 - FEB 2024

- Contribution - Designed the UIs, created the front end of the web application, connected microcontroller to the AWS through the MQTT broker, and created user manual and design manual.
- Used Technologies - Python, React, Express.js, AWS, MongoDB,

Heart Disease Prediction System | Group MAR 2024 - PRESENT

- A machine learning-based diagnostic model for early detection and accurate classification of heart disease in patients.
- Contribution - Analyzed and preprocessed the dataset
- Used Technologies - Python

Library Management System Web App | Group NOV 2023 - FEB 2024

- Contribution - Created the UIs and the front end of the application and implemented the micro services of the backend of the application
- Used Technologies - Java, React, Spring Boot

Bookstore Web App | Group

MAR 2023 - JULY 2023







- Contribution - Designed the UIs and UML diagrams needed for the application, created the database using MySQL and Implemented the web application.
- Used Technologies - PHP, MySQL

TecHub help desk ticketing system | Group

AUG 2023 - OCT 2023

- Contribution - Designed the UIs and Created the front end of the application using the given technologies.
- Used Technologies - PHP, HTML, Bootstrap, Figma

CERTIFICATIONS

- **Exploratory Data Analysis for Machine Learning** 
Learnings - Introduction to AI and machine learning, retrieving data, exploratory data analysis and hypothesis testing
- **AWS Beginner Certification** 
Learnings - Introduction to Cloud Computing and AWS, Working with AWS Compute Services such as EC2 , Lambda, Elastic Beanstalk and Networking Services in AWS.
- **Generative AI for Beginners** 
Learnings - Introduction to concepts such as generative AI, machine learning algorithms, deep learning, neural networks, large language models
- **Introduction to Database and SQL** 
Learnings - Execution precedence of parts of queries in a computer system, purpose of using operations such as aggregation, join, filter and fetch.
- **Ethical Hacking: Pentesting Tools** 
Learnings - Popular hacking tools, probability to crack hashes because of the inability to rehash.
- **Project Management** 
Learnings - Phases of project Management and components of project management

EXTRA CURRICULAR ACTIVITIES

- **Executive Member of Hacker's Club** 2023 / 2024
Worked as the junior treasurer during that period

COMPETITIONS

- **ACES Coders v10.0 | Group**
An inter-university 12-hours over night coding competition organized by the University of Peradeniya.
- **ACES Hackathon 2023 | Group**
An intra-university hackathon competition organized by Association of Computer Engineering Students, University of Peradeniya.

VOLUNTEERING

- **Arunella Social Service Project**
Worked as one of the instructors of the project.
- **Project Nanathambara**
Worked as a member for this project

REFERENCE

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