

Anushanga Pavith Thalisha

Computer Engineering Undergraduate

Profile

I am a dedicated, hardworking, and self-learning individual with the willingness to explore new things in the field of the computer industry. I am currently seeking internship opportunities to enhance my skills and get experiences as a trainee to become a successful professional in the industry.

Education

- **Faculty of Engineering, University of Peradeniya.**
BSc.Eng (UG) in Computer Engineering | Dec 2019-Present
Current GPA : 3.53/4.0
- **ESOFT Metro College, Ja-Ela.**
Dual Diploma in Information Technology & English | 2019
- **Nalanda College, Colombo 10.**
Obtained 3A's for G.C.E. A/L Examination | 2018

Working Experiences

- **Worked as a Team Leader on contribution for the SASIP A PROJECT conducted by SASIP Institute, Nugegoda | 2019**

Certifications

- **Requirements Gathering for Secure Software Development**
University of Colorado | Coursera | 2020
- **Python Data Structures**
University of Michigan | Coursera | 2020
- **Introduction to Cybersecurity**
Cisco Networking Academy | 2021
- **The Bits & Bytes of Computer Networking**
Google | Coursera | 2021
- **SQL (Intermediate)**
Hackerrank | 2022



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<https://github.com/AnushangaPavith>

Skills

- **Programming Languages**
Python, C, C#, Java, JavaScript, Verilog HDL, Arduino
- **Database Systems**
MySQL, MongoDB
- **Web Development**
HTML, PHP, CSS, Bootstrap 5, ReactJS
- **Server-Side Scripting**
JavaScript (Node.js), Python
- **Circuit Design**
Proteus, Tinkercad
- **Mobile App Development**
Flutter/Dart, Java

Interests

- Software Engineering
- Quality Assurance
- Mobile App Development
- Web & Full stack Development
- IOT & Embedded Systems

Competitions

- 2nd Runners Up | ARDUIFLO Arduino completion organized by SLTC | 2020
- Participated ACES Coders V9.0 organized by ACES | 2022
- Participated ACES HACKATHON competition organized by ACES | 2023

References

- Prof. Roshan G. Ragel
Head of the Department of Computer Engineering
University of Peradeniya,
Sri Lanka.
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mobile: +94 77 385 7755
- Dr. Suneth Namal Karunarathna
Senior lecturer
Department of Computer Engineering
University of Peradeniya,
Sri Lanka.
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mobile: +94 76 832 1333

Projects

- **Smart Planting System** (2022/23) [Website](#) [GitHub-Repo](#)
(Prototype with a Mobile App | Group)
This system is a smart pot and mobile application that takes care of indoor plants by monitoring conditions and updating the mobile application in realtime.
Technologies: Arduino, PlatformIO, Flutter, Firebase
Contribution: UI/UX design for the mobile application, designed and developed server and the database, developed/tested the embedded system.
- **Molding Machine Dashboard** (2022) [GitHub-Repo](#)
(React Web App | Group)
Building a Dashboard to graphically view the information summery of Image data analyzing tool that will be use in the industry.
Technologies: JavaScript, ReactJS, Express.JS, MySQL
Contribution: UI/UX design, developed the API and some user interfaces.
- **Baby Development Tracking Application** (2022) [GitHub-Repo](#)
(Android Application | Group)
Aim was to build a mobile application to track and help to manage the development of babies (0 to 5 Years).
Technologies: Android Studio, Java, SQLite
Contribution: UI/UX design, Database Connectivity.
- **Database Project** (2022) [GitHub-Repo](#)
(Database project with web interface | Group)
Design and develop a database system that interfaces with a backend database. Chosen a hotel management system.
Technologies: MySQL & MariaDB, PHP, HTML, CSS
Contribution: Design database & functions, Front end & database connectivity.
- **Hotel Management System** (2019) [Drive link](#)
(Software Project | Group)
Building a software solution where the management of entire hotel is computerized.
Technologies: .NET, C#, MySQL
Contribution: Design & developed GUI, designed the database.

Extra-Curricular Activities

- Active member of Rotaract Club of University of Peradeniya.
- Web development team leader of RCOUP for the term 22/23.
- Contributed Multiple projects that are conducted by RCUOP.