

Prasath S

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PROFILE

- An emerging engineer with specialization in Computer and Communication
- Expertise in C++, Java, Python, DBMS along with IoT, App development and Web development
- Good interpersonal skills with an ability to solve complex problems in teams
- Creative thinking and excellent troubleshooting skills
- Learn, Contribute and grow with the organisation while enhancing domain experience

EDUCATION

- **B.Tech. in Computer and Communication Eng.**

CGPA – **7.65** / 10 (current) 2020 – (2024)

Amrita School of Engineering,

Amrita Vishwa Vidyapeetham, Coimbatore, TN

- **AISSE** (11 – 12th Std.) 2018 – 2020

Mark - **460** / 600

Maharishi International Residential School (CBSE),

Chennai

Subject: Maths, Physics, Chemistry,

Computer Science

- **AISSE** (10th Std.)

2018

Mark - **438** / 500

Sagar International school(CBSE), Perundurai

TECHNICAL SKILLS

Languages:

C++ • Java • Python • C • MATLAB • Embedded

C

Web Development:

HTML/CSS/JavaScript • Flask • Dart

DBMS:

MySQL • Oracle

OS:

Raspbian (Linux) • ARM (x32/x64)

Hardware:

LP2148 • MSP432 • ESP32 • Arduino UNO •

Raspberry pi

Office ware:

MS Excel • MS Word • MS PowerPoint • Adobe

Photoshop

IDE / Tools:

VS Code • Pycharm • Spyder • Android Studio •

KEIL 4 • Proteus 8 • Cisco Packet Tracer • WireShark

DevOps:

Git • GitHub

Libraries:

OpenCV • TFLite • Flutter

LANGUAGES

- English – Full Professional proficiency
- Tamil – Native proficiency

TECHNICAL INTERESTS

- Internet of Things
- OOPS
- Big Data Analytics
- Machine Learning
- Web development
- Computer Networks
- Embedded Computings
- Image Processing
- Signal Processing
- Cloud Computing
- Cyber Physical Systems
- Operating System
- Project Management

ACHIEVEMENTS

- “Access Denied” contest Mar 2022 - Present

Anokha Tech Fest, Amrita Vishwa Vidyapeetham

Activity: Contest to solve missing code

CERTIFICATIONS/UPSKILLING

- **MATLAB Onramp (Online)** 2023

Organizer: MathWorks

Credentials: [MatlabAcademy](#)

EXTRA CURRICULAR ACTIVITIES

- Volleyball
- Kho-Kho

PROJECTS

- **Product Sorting**

Feb 2023 – May 2023 (**4 months**)

Aim: Recognize and sort the product

Tools: Raspberry Pi, Python, Thonny IDE

- **Student Management System**

Sept 2022 – Dec 2022 (**4 months**)

Aim: Design a system to manage ML/OD/Ordinary detail of the students

Tools: HTML, CSS, JS, MySQL

- **Face Mask Detection**

Sept 2022 – Dec 2022 (**4 months**)

Aim: Design a system to alert when a person is not wearing a mask

Tools: Python, Raspberry pi, OpenCV, TFLite
Thonny IDE

- **Secure Management System**

Sep 2022 – Jan 2023 (**5 months**)

Aim: Design a system to secure the data

transfer in management

Tools: Cisco Packet Tracer

- **Stock Market Price Prediction**

Mar 2022 – Jun 2022 **(4 months)**

Aim: Predict the Stock Market Price trend

Tools: Python, Spyder IDE, ML classifiers

- **GPS with LPC2148**

Sep 2021 – Dec 2021 **(4 months)**

Aim: Interface GPS system with LPC2148

Tools: LPC2148, GPS, KEIL, Proteus

- **Speech to Text conversion**

Sep 2021 – Dec 2021 **(4 months)**

Aim: Design a system to convert speech
input into text output

Tools: Python