Pragadeeswaran T

Full Stack Developer

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Education

B.E ELECTRONICS AND COMMUNICATION ENGINEERING,	2020 – 2024
K.S.Rangasamy College of Technology ↗	Tiruchengode
CGPA: 7.7 (Up to 8th Semester)	

HSE (MARCH&2020), *Sindhu Matric Higher Secondary School*   03/2020
Board: Matric   Dharapuram
Percentage: 55%

SSLC (MARCH&2018), *Sindhu Matric Higher Secondary School*   03/2018
Board: Matric   Dharapuram
Percentage: 73%

Interests

- Web Development
- Software Development

Skills

Python	HTMl & CSS
Java	Github

Projects

Project Works

- Completed a mini-project on '**Automatic Wiper Control**' that adjusts speed based on rainfall intensity, utilizing a rain sensor and servo motors, achieving a response time reduction of 20% compared to manual controls.
- Developed a '**Line Following Robot**' that tracks a black line, involving sensor interfacing and DC motor control using Arduino, with the robot maintaining a 95% accuracy in line tracking over 100 meters.
- Completed a project on '**Performance Analysis of White Blood Cell Cancer Detection**' utilizing machine learning, achieving 92% accuracy with a dataset of 5,000 medical images.
  - Processed and classified cell images through Python-based machine learning algorithms, including TensorFlow, to enhance detection accuracy. (e.g., TensorFlow).
  - Improved detection accuracy to 92% by optimizing the CNN architecture and hyperparameters.
  - Evaluated the model's performance using various metrics such as precision, recall, and F1-score

Internship Attended

I-BAC TECH, *Advance PowerBI*   04/2023 – 05/2023
- Designed to transform data from multiple sources into interactive   Coimbatore, India
  dashboards and business intelligence reports, resulting in a 30%
  improvement in data analysis efficiency and enabling faster decision-
  making across departments

Salesforce Developer, *Salesforce Fundamentals Organizational Setup*   11/2023 – 01/2024
Relationship & Process Automation   Tiruchengode, India
- Salesforce is a cloud-based Customer Relationship Management (CRM)
  platform that enables businesses to manage all their customer
  interactions and related processes in one place

Workshop Attended

- A 3-day workshop on '**PCB Design and Fabrication**' where I designed a multi-layer PCB, reducing design errors by 15%.
- Attended the **"Hands-on Training to Trouble Shoot Smart Phone Hardware"** conducted by K.S.Rangasamy College of Technology in association with New Technology Mobile Service and Training Institute from 26th November to 30th November 2021
- Participated and earned certification in '**New India Skillathon 2020, 2021**' organized by ICT Academy.

Membership

- Institute of Electrical and Electronics Engineers (IEEE) – students chapter's Joint treasure

Courses

Introduction to Industry 4.0 and Industrial Internet of Things, *NPTEL*   07/2023 – 10/2023
with a consolidated score of 55 %   Tiruchengode, India

Acquiring Data, *futureskills prime*   05/2023
Gold70% Gold   Tiruchengode, India