Name Dhiviya M

PROFILE

An avid and upcoming engineering graduate seeking an entry-level position in a reputed organization, an engaging team worker having a fairly strong foundational experience in Industrial Automation, Machine Learningand Back-End Development.

EDUCATION

- **B.Tech Computer Science and Engineering**
  CGPA – 8.51/10   **2019-2023**
  Amrita Vishwa Vidyapeetham
- **Class 12** – 91.6%   **2019**
  Institution: National Model MHSS
- **Class 10** – 96.2%   **2017**
  Institution: National Model MHSS

TECHNICAL INTERESTS

- Industrial and Vehicular IoT Systems
- Machine learning
- neural networks

PROJECTS

- Topic: Data Acquisition and Safety System for All Terrain Vehicle
- Period: October 2020 to Present
- Objective: Establish data logging and emergency system for ATV
- Tools and techniques used: Arduino, RPi, GPS, Vehicular Sensors
- Outcome: An IoT based system that provides reliable data transmission to and from the ATV and driver

- Topic: Image Processing and Deep Learning
- Period: August 2021 – October 2021
- Objective: Detection and Identification of mobility aids
- Tools: IPython notebook, Tensorflow, Neural Networks
- Outcome: An autonomous intelligent system that detects the presence of disabled people

TECHNICAL SKILLS

C(Advanced)
C++(Intermediate)
Python(Beginner)
MATLAB(Advanced)
Simulink(Intermediate)
Flask(Beginner)
Openpyxl(Advanced)
MongoDB(Intermediate)

WORK EXPERIENCE

Eternl Resilient Pvt. Ltd., Bengaluru (December 2021 to Present)
- Objective: Develop a scalable web-application
- Areas: Data analysis, Database management, UI/UX, automating spreadsheet management
- Outcome: Develop a production type full-fledged, end-to-end web application

Unico Automation System, Coimbatore (Mar 2020 to May 2020)
- Objective: Design and testing of Industrial PLC/HMI Panels
- Roles: Drilling, soldering encoders, PLC wiring
- Outcome: Hands-on experience in fabrication and software testing of HMI Panels

ACHIEVEMENTS & HONOURS

Third place, Machine Learning Hackathon (Sep 2020)

- Classification and regression based problem statements
- Conducted by Google Developers Group, ACE

Gold medalist, Inter-campus Cross Country Championship (Sep 2019)

- Qualified for All India University Nationals (Long Distance Running)
- Amrita University, Coimbatore

Best Outgoing Student Award (Mar 2018)

- For excellent accomplishment in all disciplines
- National Model MHSS, Coimbatore (Batch size: 300 students)

EXTRA CURRICULAR ACTIVITIES

Running

Gym

LANGUAGES

Malayalam
English
Tamil