

Ahammed Shibinsha K K



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Education

Government Engineering College, Thrissur

Bachelor of Technology in Computer Science and Engineering

Thrissur

Nov. 2021 – Present

PHSS Pandallur

Higher Secondary Education

Malappuram

June. 2018 – March 2020

Experience

Machine Learning Intern

System2Cloud

Sept 2024 – Dec 2024

- Built solutions to extract and analyze image details using LLMs and image processing.
- Gained hands-on experience in NLP, image processing, and project management.

Machine Learning Intern

RADTAR (Rural Agricultural Development Technology And Research)

Feb 2024 – Sep 2024

- Developed ML models using TensorFlow and Keras for agricultural solutions.
- Worked on projects leveraging RapidMiner and H2O for data analysis and model evaluation.
- Strengthened skills in quick learning, teamwork, and project management through hands-on experience.

Unit Coordinator – Rudhirasena

NSS Unit 181 GEC Thrissur

March. 2023 – March. 2024

- Organized and coordinated various programs, significantly improving my communication and problem-solving skills.
- Contributed to saving many lives and gained valuable experience in handling difficult situations.

Event Coordinator

GEC Thrissur

May 2022 – Feb 2023

- Coordinated and managed various programs, which enhanced my confidence in event management and improved my communication skills.

Projects

Fire and Rescue Emergency Management | React-native, React, FastAPI, PostgreSQL, Python

Nov 2024 - Present

- Led a team of 5 to develop a comprehensive application and website for Kerala Fire and Rescue services, addressing real-world edge cases.
- Implemented location tracking and incident allocation using PostgreSQL for effective emergency response management.
- Integrated interactive maps and route guidance for fire stations to optimize response times during emergencies.

Face Based Attendance System Project | React-Native, Flask, MySQL, OpenCV, dlib, Git

Aug 2023 – Feb 2024

- Led the implementation of the "Face Based Attendance System," utilizing React Native for the mobile application frontend, Flask for API development, and a pretrained model for facial recognition-based attendance.
- Acquired skills in team coordination, teamwork, leadership, and management by leading this project.

Diabetic Prediction | Python, Tensorflow, Keras, h2o, RapidMiner, Git

Feb 2024 – May 2024

- Developed and trained diabetic prediction model based on 8 features.
- Analysed different datasets using rapidminer and h2o
- Performed data preprocessing and data cleaning .

Handwritten Digit Recognition | Python, Tensorflow, Keras, Git

Feb 2024

- Performed data cleaning.
- Trained and developed a handwrittend digit recognition model.

Technical Skills

Languages: Java, Python, C, SQL , HTML/CSS

Frameworks: React-Native, FastAPI, MongoDB, PostgreSQL

Developer Tools: h2o, Rapidminer

Libraries: Pandas, NumPy, Matplotlib, Tensorflow, Keras, h2o