Rikas Mohammed N

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ABOUT ME

Computer Science and Engineering student with a strong foundation in Python, AI/ML, and full-stack development.

EDUCATION

Mangalam College Of Engineering — Ettumanur, Kerala
Computer Science And Engineering — *2021 – 2025*

Bishop Moore Vidyapith — Krishnapuram, Kerala
Highschool — *2018 – 2020*

EXPERIENCE

AI/ML Internship — May 2023
Torc Infotech — *Kochi, Kerala*

- Acquired essential skills during the internship focused on the fundamentals of Artificial Intelligence and Machine Learning, gaining hands-on exposure to key concepts and workflows.

Python Fundamentals Course — December 2023
Coddy.tech

- Enhanced coding skills through Python Fundamentals course led by Kovid Panthy, covering core programming concepts

Python Internship — December 2024
FaceIn Technologies Pvt Ltd — *Kochi, Kerala*

- Acquired hands on experience through the internship in advanced Python programming, enhancing skills in automation, data handling, and real-world scripting techniques.

PROJECTS

Class Management Web app | *Python, Django, HTML* — April 2024

* Developed a full-stack web application covering all class management activities including attendance marking and monitoring, fee management and managing individual student information
* Developed the backend using with Python and Django providing fast and efficient performance
* Developed an engaging and interactive interface using HTML and CSS

Real Time Cyclone Alert and Location Monitoring System |
Python, ML(Random Forest), React Native, node js — March 2025

* Developed a real-time cyclone alert system using Python and machine learning (Random Forest) to predict and monitor cyclone patterns.
* Integrated React Native for a cross-platform mobile app to provide real-time alerts and tracking features.
* Used Node.js for backend services, including real-time data handling and communication with the app.
* Integrated a location monitoring system to track individuals trapped in the danger zone and to provide assistance if required

ACHIEVEMENTS

- **Developed a Class management app** using django and html for mini project
- **Developed a Disaster Prediction and Management System** for Cyclones as final year project
- **Final Year project** for Disaster Prediction and Management got **shortlisted for University Funding**
- Academic achievement of **7.56 cgpa with no backlogs** and was honored as sgpa topper twice during the curriculum

TECHNICAL SKILLS

Languages: Java, Python, C , SQL , HTML, React Native
Frameworks: Django
Developer Tools: VS Code, PyCharm, IntelliJ, Jupyter Notebook
Libraries: Numpy, Pandas