Madan Raj M A

COLLEGE STUDENT

Personal Profile

I am a student deeply passionate about software development, and I'm committed to building a career in the vast field of Software Development.

Contact Details

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Fort, Erode - 638001
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Mobile No : +91 73050 48495

Awards

- Won KEC App Challenge.
- Pre-finalist Smart India Hackathon.
- Won Moblie App Development Contest.
- Cleared Inter Level Ideathon.

Notable Skills

Technical

Languages:
• Python • Java
• C • Dart • HTML
Frameworks:
• Flutter
• Framer
Storage:
• Firebase
• MySql
Tools:
• Git
• Figma
• HuggingFace

Soft Skills

- Leadership
- Time Management
- Creative Thinking

Internships

- **INTERN AT AROOPA TECHNOLOGIES PVT LIMITED**

  Working as a web developer from March 2024 to current.

Experience and Projects

- **ON-DUTY: PRO |** FLUTTER & FIREBASE

  An app to digitalize the process of acquiring on-duty for college students with approval system. It has a real-time database implemented with firebase to store and access student OD details such as event name, college name, Duration, etc. It is powered with responsive UI with custom made dashboard for students and teachers for a seamless experience

- **CHATBOT |** PYTHON, HTML, HUGGINGFACE, APIS, MACHINE LEARNING (PYTORCH)

  A custom-made chatbot, integrated with both ChatGPT and H2O AI as a failsafe, specifically tailored to address user queries related to the mining industry. Custom model has been trained with various rules pertaining to mining industries

- **AI POWERED FACE ATTENDANCE SYSTEM |** MACHINE LEARNING (TENSORFLOW), OPENCV

  A prototype has been developed utilizing TensorFlow to precisely recognize individuals through their facial features. This system updates the person's name and entry time within a local database.

- **PARTICIPATED IN STARTUP TN**
- **PUBLISHED AN INTERNATIONAL PAPER ON STOCK PRICE PREDICTION USING MACHINE LEARNING**
- **PARTICIPATED IN INTRA-LEVEL IDEATHON | IOT, ML**

  Addressing overloaded commercial vehicles at toll booths through the integration of advanced sensors and IoT technology to accurately measure weight, recognize license plates, calculate fines for overloading, and communicate alerts to neighboring toll booths.

- **ATTENDED VARIOUS TECH RELATED WORKSHOPS**

Education History

KONGU ENGINEERING COLLEGE

B.Tech Artificial Intelligence and Data Science
2022-present | CGPA: 8.32

Thoppupalayam, Kumaran Nagar,
Perundurai,
Tamil Nadu 638060

CS ACADEMY

Higher Secondary Education | Grad 2022 Cum. Per: 94%

Vallipurathanpalayam, Tamil Nadu 638112