

MADAN KUMAR M A

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OBJECTIVE

Aspiring software developer skilled in Java, OOP, Python, Machine Learning, Web Technologies, Data Structures. Seeking opportunities to develop innovative solutions and contribute to organizational growth.

EDUCATION

RNS INSTITUTE OF TECHNOLOGY

Machine Learning, DSA, DBMS, Java, Web Technologies

2024 - Pursuing
Bangalore

Mahatma Gandhi Memorial College

Bachelor of Science (BSc)

2020 - 2023
Udupi

TECHNICAL SKILLS

Programming & Web: Java, OOPs, HTML, CSS, JavaScript, C, Python, Software Testing

Tools/Databases: Git, GitHub, SQL

CERTIFICATIONS

Front-End Web Development Certification

Excellence in Front-End Web Development [MCA + IEEE]

Explore Machine Learning using Python

PROJECTS

Driver Distraction Monitoring System (Python, ML)

- Monitored driver attention using OpenCV and Random Forest.
- Real-time Streamlit dashboard with alerts and sensor data.
- Gyroscope data enhanced prediction accuracy. [\[VIEW\]](#)

Mental Fatigue Detector (Python, ML)

- Detects mental fatigue via typing patterns; Tkinter GUI for feedback.
- Random Forest model analyzes typing speed key hold time. [\[VIEW\]](#)

Simple Calculator (Android, Java)

- Performs +, -, ×, ÷ with responsive UI using Android Studio. [\[VIEW\]](#)

Responsive Portfolio Website (HTML, CSS, JS)

- Fully responsive portfolio showcasing projects and skills.
- Interactive design using JS, CSS3, and Bootstrap; mobile-friendly. [\[VIEW\]](#)

LEADERSHIP EXPERIENCE

Class Representative, MCA Department

- Facilitated faculty-student communication; coordinated academic extracurricular activities.

Lead Organizer - Sportify, Akanksh, Alumni Meet

- Managed event logistics, team coordination, and student engagement.

EXTRA-CURRICULAR ACTIVITIES

Interests: Learning New Technologies, Music, Video creation and editing

Sports: Badminton, Cricket, Volleyball, Table Tennis

Hobbies: Sketching, Story Writing