Manoj Hegde
Computer Science Engineer

📱 +91 9741212214   manojnhegde@gmail.com   🏠 Bangalore
in manojnhegde   github.com/ManojNHegde

EDUCATION

Computer Science Engineering *Sai Vidya Institute Of Technology*   **Rajanukunte, Banglore** *2021-2025*
CGPA: 9.0
XI   Percentage: **95%** *2021*
X   Percentage: **93%** *2019*

INTERNSHIP

AI Product Development and Data Analytics Intern *Varcons Technologies*   *Mar 2025 – May 2025*
- Built a Smart Attrition Prediction and Employee Wellness Recommendation Engine for HR decision-making using **Python**.
- Developed ML models using **Logistic Regression**, **Random Forest**, and **XGBoost**, and performed **NLP**-based sentiment analysis.
- Engineered features from employee records and surveys; classified employees into "At Risk", "Stable", or "Thriving".

PROJECTS

Crime Detection Using Video Surveillance System
- Built an intelligent surveillance system that detects criminal activities like weapon detection, explosion, and accidents from live video feed.
- Utilized image processing and object detection models for real-time threat recognition and alerting.
- Implemented the system using **Python**, **OpenCV**, and pre-trained deep learning models like **YOLO** and **CNN**.
- Enhanced public safety response through automated video analysis in surveillance environments.

FindMyMentor
- Developed **'FindMyMentor'**, a full-stack web application using **React** for the frontend and **Django**, **Python**, and **SQL** for the backend to connect learners with mentors across diverse domains.
- Built **role-based authentication** and **user registration** allowing users to register as either **mentors** or **learners**, explore mentor profiles, and initiate **real-time messaging**.
- Designed an intuitive and responsive **UI/UX** to simplify mentor discovery, enabling seamless communication and preparing the groundwork for future **AI-based mentor matching**.

ONLINE COURSES & CERTIFICATIONS

- React-The Complete Guide 2025 (May. 2025) - Udemy
- Programming Using C++ (Mar. 2023) - Infosys Springboard
- Python Data Structures (Dec. 2022) - Coursera
- Programming for Everybody (Getting Started with Python)(Nov. 2022) - Coursera

SKILLS

- **Programming Languages:** Python, C/C++, JavaScript, HTML/CSS
- **Database Management:** MySQL, MongoDB
- **Frameworks and Libraries:** Django, Express.js, React js
- **Soft Skills:** Problem-Solving, Team Collaboration, Communication

INTERESTS

- **Reading Books** – Finance management and self-help.
- **Cricket** – Playing and following matches.