

M MANJUNATHA

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• Bengaluru, Karnataka

Summary

Skilled MCA graduate with expertise in **software development**, **DSA**, **OOP**, full-stack development, database management, **API integration**, and **cloud deployment** using AWS. Proficient in **Python**, **JavaScript**, **C++** for IoT, Website build and also in AI/ML, DL, and **Selenium testing**, with experience in **Git** and **GitHub** for collaborative development. Eager to contribute for innovative projects.

Experience

Outlier Remote
Advance AI Coder | Freelancer 10/2024 - Present

- **Review and refine code** by **correcting errors**, **improving structure**, and ensuring **adherence to best practices**.
- **Provide feedback**, **ratings**, and **suggestions for improvement**, having **reviewed and corrected over more than 25+ code submissions** with **100% accuracy** within the **given time frame**.

AiROBOSOFT Products And Services Bengaluru, India
Software Engineer Intern 10/2023 - 12/2023

- Gained hands-on experience in developing and deploying **IoT systems**, working with **sensors**, **microcontrollers**, and communication protocols for real-time data collection and monitoring.
- Gained expertise in integrating **IoT devices** with **cloud platforms** and **databases** using **C++**, **Arduino**, and IoT communication protocols for efficient data management and analysis.

Education

Atria Institute of Technology Bangalore, India
Master of Computer Applications (MCA) | CGPA: **8.6** / 10 12/2022 - 09/2024

Veerashiva Degree College Bellary, India
Bachelor of Computer Applications (BCA) | CGPA: **7.5** / 10 07/2019 - 10/2022

PROJECTS

Fetching Weather Data Using Python and Reminder For Umbrella By SMS 2024

- **Developed a full-stack weather data analysis solution** that scrapes forecast data and automates **SMS alerts** for **rain predictions**, improving predictive accuracy and enhancing user convenience.
- The solution leveraged **Python**, **HTML**, **CSS**, **OpenWeatherMap API**, and **Twilio API** to scrape weather data, analyze forecasts, and automate SMS alerts for rain predictions.

Automatic Attendance System using ESP32-CAM 2023

- **Developed an automatic attendance system** using **ESP32-CAM** and **Python** (OpenCV, face_recognition, Flask) for **real-time facial recognition** and attendance tracking, with **data management** via **Excel** and **openpyxl**.
- The project used **Python** (Pandas, OpenCV, face_recognition, Flask, openpyxl) and **Excel** to develop the automatic attendance system.

Workers Safety Monitoring System 2024

- **Developed a worker safety monitoring system** for industries using **C++**, **Arduino**, and **IoT sensors** to track metrics such as **SpO2**, **temperature**, **cold levels**, and **air pressure**.
- The project utilized **C++** and **IoT** technologies for development and deployment.

Portfolio Website 2025

- Designed and developed a **responsive portfolio** to showcase personal **projects**, **certifications** and **skills**. The website features an intuitive layout, smooth navigation, and clean UI design.
- The portfolio website was crafted using **HTML**, **CSS**, and **JavaScript** to deliver a sleek, responsive, and interactive user experience.

TECHNICAL SKILLS

Python • Java • C++ • CSS • HTML • JavaScript (React.js) • Bootstrap • C#.NET (Basics) • SQL (Oracle) • MySQL • NoSQL (MongoDB) • Github • Git • AWS-EC2/S3 • Selenium • Automation/Manual Testing • Unit Test • Agile Methodology • JSON • SDLC-Software Development Life Cycle • Data Structures & Algorithms

SOFT SKILLS

Problem-solving skills • Strong Communication • Time Management • Technical Leadership • Teamwork Abilities • Multitasking • Debugging

CERTIFICATION

Programming in Java — IIT Kharagpur (NPTEL)

Selenium Basics — Great Learning Academy

MongoDB — Great Learning Academy

Google Analytics for Beginners — Google Analytics Academy