M MANJUNATHA

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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, Java, JavaScript**, **C++** for IoT, Website build and also in **AI/ML**, and **Selenium testing**, with experience in **Git** and **GitHub** for collaborative development. Eager to contribute for innovative projects.

INTERNSHIP

AiROBOSOFT Products And Services   Bangalore, 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

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.

Full Stack-Weather Data Alert System   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, SQLite, Open Weather Map API**, and **Twilio API** to scrape weather data, analyze forecasts, and automate SMS alerts for rain predictions.

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.

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 **openpyxl** (**Excel**).
- The project used **Python** (Pandas, OpenCV, face-recognition, Flask,) and **Excel** (openpyxl) to develop the automatic attendance system.

TECHNICAL SKILLS

Programming Languages & Web Technologies: · Python · Java · C++ · C# (.NET - Basics) · JavaScript · HTML · CSS

Frameworks & Libraries : · React.js · Bootstrap · Selenium · .NET Framework · Pandas · NumPy · BeautifulSoup · Flask

Database: · Oracle Database (SQL) · MySQL · MongoDB (NoSQL)

Cloud Computing: · AWS S3 · AWS EC2

Other: · Git · GitHub · VS Code · JSON · PowerPoint · Excel

SOFT SKILLS

Problem-solving · Strong Communication · Time Management · Technical Leadership · Teamwork Abilities · Multitasking · Debugging · Team Build · Analytical Skills

CERTIFICATION

Programming in Java — NPTEL, IIT Kharagpur.

JavaScript Essential — Cisco Network Academy, Cisco.

AWS Technical Essentials — AWS Training and Certification, AWS.

Google Analytics for Beginners — Google Analytics Academy, Google.

MongoDB — Great Learning Academy.

Microsoft Office Specialist — MagicBus India Foundation, Microsoft.