


MANJUNATH R

Karnataka, Bangalore

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TECHNICAL SKILLS

Languages: C, C++, SQL, **Development:** HTML, CSS, JavaScript
DataBase: MYSQL, MongoDB **Fundamentals:** OOPS, DSA, OS, DBMS
Soft Skills: Leadership, Teamwork, Public Speaking, Time Management, Accountability, Emotional Intelligence
Core Skills: MATLAB, Embedded C, PCB Design and Fabrication, Control System, Signal Processing,

EDUCATION

MS Ramaiah Institute of Technology

2023 – 2026

B.E - Electronics And Instrumentation - CGPA - 8

Bangalore, Karnataka

PROJECTS

Interactive Portfolio Website (HTML, CSS, JavaScript)

March 2025

- Designed A living resume — built as an interactive website to showcase my journey, skills, and projects. Built with HTML, CSS, and JavaScript,
- Implemented dynamic animations and transitions to create a smooth, app-like browsing experience..
- Optimized site for performance and accessibility, ensuring faster load times and better cross-browser experience. Deployed using GitHub Pages, making the website publicly accessible with a custom URL.
- Showcased projects as live interactive cards, making the portfolio more engaging than a static resume.

Google Dino Game Clone (C++ Console Version)

April 2025

- Developed a 2D Console-Based Dino Game in C++.
- And it's a replication of Chrome's offline game, built from scratch using C++.
- The project includes jumping mechanics, and a scoring Tracking system similar to the original.
- The game runs smoothly in the terminal and responds to keyboard inputs like the space bar for jumping.

Smart-Vision Based Blind spot detection at T-Junction roads using Raspberry pi:

Jun 2025

- Developed a prototype blind spot detection system to enhance road safety at T-junctions..
- Utilized Raspberry Pi and Yolo for image processing and object detection.
- Implemented various techniques to identify approaching vehicles and provide alerts to drive.
- Calibrated the Raspberry Pi camera module to ensure optimal focus and angle coverage at T-junctions..

EXPERIENCE

Bharat Electronics Limited (BEL) – Missile Systems - SBU

Aug 2025 – Sept 2025

Role - Student intern

Bangalore, Karnataka

- Contributed to the design, testing, and integration of electronic subsystems in the Akash Air Defence Missile System.
- Learned Practical Experience on Akash Air Defence System (missile military vehicle – CCU, MFR, Troop Flight-level Radars).
- Learned about large-scale naval defense systems installed on battleships, including advanced multifunction radars, communication modules, Verticle missile launcher, Machine gun for pirates which is manufactured under the Advanced Defence Systems Navy SBU..

RISING THROUGH CHALLENGES

Diverse Work Experience

2018 – Present

Various Roles Across Industries

Karnataka, India

- Since 8th std I never stopped hustling From an early stage, I have managed academics alongside multiple part-time jobs to support my education and family. Without asking for financial help from my parents, I funded my college fees, books, and personal requirements through my own earnings
- Balancing three responsibilities — working to fund my education, studying to improve academic performance, and learning technical skills (DSA, Databases, Web Development) for placements — It has been a challenging and a demanding journey that shaped resilience and self-discipline.(Its was very hard and painfull to handle. As a student)
- These experiences shaped me into a disciplined, hardworking, and self-reliant individual, with the ability to thrive under pressure, face responsibilities with maturity, and turn struggles into strengths.