

# MANJONA T N

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Bengaluru, Karnataka - 560091, India

## OBJECTIVE

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Final year Electronics and communication Engineering student with skills in Java, Python, c,c++(basics).Passionate about full-stack web development with strong problem-solving and software engineering abilities.

## EDUCATION

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- **JSS Academy of Technical Education** December 2022- Present  
*B.E. in Electronis and communication and Engineering*  
◦ CGPA: 7.5 Bengaluru, India
- **Mandavya Excellence PU College** 2022  
*Pre-University Education*  
◦ Grade: 91.16% Mandya, India
- **Sri Cham Sugar School** 2020  
*Secondary Education*  
◦ Grade:92.96% Mandya, India



## SKILLS

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- **Programming Languages:** C, C++, Python (Basics)
- **Tools / Platforms:** Git, GitHub, VS Code, MATLAB

## PROJECTS

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- **Project A: [SMART ENERGY METER]**   
*Tech Stack: [Embedded C,C++, Node.js, Express.js, MySQL]*
  - Developed a full-stack web application to help users to control the switches,MCB
  - The Smart Energy Meter project involves designing a digital system that accurately measures and monitors electricity consumption in real-time.
  - It enables two-way communication between the consumer and utility provider, allowing for remote monitoring and billing.
  - Key features include automatic meter reading, power theft detection, and data analytics for efficient energy management.
- **Project B: [Autonomous Solar-Energy Weather Surveillance and Control Using IoT and AI]**   
*Tech Stack: [Embedded C,python]*
  - This project integrates solar-powered IoT devices with AI to monitor and analyze real-time weather conditions autonomously
  - It enables smart decision-making for environmental control and disaster prediction, ensuring energy efficiency and sustainability.

## CERTIFICATIONS

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- **Programming in Python**
- **Internet of things from NPTEL**
- **Data structurs in C++ form NPTEL**

## ACHIEVEMENTS

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- Solved 120+ problems across all coding platforms. Profiles - [GeeksForGeeks](#), [LeetCode](#)

## ACTIVITIES

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- Represented college in Inter-College Cricket Tournament under VTU.
- Achieved State-level Carrom Champion title once and District-level Carrom Championship twice during school years.
- Played Kabaddi in Inter-VTU College Competition.