

HEMANTH ESWAR BATHINA

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PROFESSIONAL SUMMARY

Motivated Software Engineer with expertise in **C**, **C++**, **Python**, and **full-stack development**. Skilled in writing efficient, maintainable code, troubleshooting, and collaborating with cross-functional teams. Strong in documentation and quickly adapting to new technologies. Eager to contribute to software development and grow in a dynamic team environment.

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python
 - **Web Development:** Frontend: HTML, CSS (Basics) ; Backend: MySQL
 - **Tools & Frameworks:** Machine Learning (ML), Deep Learning (DL), Socket Programming, Arduino, GIT
 - **Software Development:** Code design, debugging, troubleshooting, and maintenance
 - **Database Management:** MySQL
 - **Other Skills:** Problem-solving, documentation, teamwork, adaptability
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EDUCATION

B.Tech in Computer Science (2021 - Present)

Indian Institute of Information Technology, Design and Manufacturing (IIITDM), Kurnool

- JEE Mains 2021: Scored 94.7 percentile

Board of Intermediate Education (2019)

Tirumala Junior College, Rajahmundry | Percentage: 96.7%

Secondary School (2017)

Sri Swamy Vivekananda EM High School | CGPA: 9.7

INTERNSHIPS

Intern, Rashtriya Ispat Nigam Ltd (Vizag Steel) – Visakhapatnam, India

Project: *Lead-time Prediction Using Machine Learning*

- Contributed to developing a machine learning model for lead-time prediction, enhancing forecasting accuracy for operational processes.
 - Gained experience in data analysis, model training, and optimization.
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PROJECTS

- **Orders and Product Management System**
Developed a DBMS-based application to manage orders and product data, ensuring efficient data retrieval, updates, and smooth operations.
 - **Basic C Compiler**
Developed a basic C compiler using lex and yacc for lexical analysis and parsing, implementing core compiler functionalities.
 - **Chatbot (Socket Programming)**
Created a client-server chatbot system using socket programming, enabling real-time communication and demonstrating proficiency in network programming.
 - **Metal Detector Using Arduino**
Designed a metal detection system using Arduino, programmed with custom code to detect metals in a given environment. This project honed skills in hardware integration and software design.
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SOFT SKILLS

- Adaptability: Quick to learn new technologies and adjust to changing environments.
- Communication: Clear written and verbal communication skills in English.
- Problem Solving: Strong analytical and troubleshooting skills.
- Team Collaboration: Experienced in working within a team and supporting team members to achieve project goals.

ADDITIONAL INFORMATION

- Certifications: **Data Science** – Naresh IT Technologies (Pursuing) .
- Client Interaction: Experience in collaborating with peers and other departments, gaining insights into client needs and requirements.