

# PREETY SHARMA

## Software Developer Intern

Hyderabad, India

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## Summary

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Final-year B.Tech Computer Science student with a strong passion for Web technologies and hands-on experience in building real-world projects. Highly enthusiastic about exploring modern frameworks, continuously learning, and applying concepts through personal and academic projects. Proven ability to collaborate in team environments, demonstrated through hackathons and while consistently experimenting with new ideas in web development outside the classroom.

## Skills

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**Programming Languages:** C, C++, Python, Java

**Web Development:** HTML, CSS, Javascript, ReactJs, Express, REST Apis, MongoDB, SQL

**Tools & Others:** Project Scheduling, CAD, Graphic Design

## Experience

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### 1. Home Energy Monitoring and Controlling System using IoT

- Live Tracking – Monitors real-time energy usage.
- Remote Control – Manages devices via phone.
- Saves Energy – Cuts waste, lowers bills.

### 2. Securing Data with Blockchain

- Tamper-Proof – Data stored in immutable blocks.
- Decentralized – No single point of failure or control.
- Transparent – Every change recorded and traceable.

### 3. Ransomware Classification and Detection using Machine Learning

- Machine learning models identify ransomware by behavioral analysis.
- Detects unusual changes such as rapid file encryption.
- Helps stop attacks early by real-time alerts.

## Education

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**CMR Technical Campus (B.Tech)**

2022 – 2026

Computer Science and Engineering (CSE) — CGPA: 9.00

**Narayana Junior College**

2020 – 2022

MPC — GPA: 9.6 / 10

## Certificates

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- International Conference on Computer Communication Technologies Certificate
- Hackerrank Java Certification
- Hackerrank Python Certificate
- Hackerrank Problem Solving Certificate
- Hackerrank CSS Certificate
- Hackerrank SQL Certificate