

Padakanti Harshith

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SUMMARY

Second-year CS student at CMR Technical Campus specializing in backend systems, REST APIs, and real-time applications. Solved 350+ LeetCode problems (Rating 1720+, Top 15%). Contributed to Rocket.Chat with 3 PRs consolidated and merged into 1 PR as part of GSoC 2026 prep and selected for GSSoC 2026, NSoC 2026, and SSoC 2026.

TECHNICAL SKILLS

Languages: C, Java, Python, JavaScript

Web and Backend: Node.js, Express.js, Socket.IO, REST APIs, PHP, MySQL, HTML, CSS

Data Engineering: MySQL, SQL views, ETL pipelines, schema design, API ingestion, web scraping (BeautifulSoup, Jsoup)

Tools: Git, GitHub, GitHub Actions, cron scheduling, Render

Core Concepts: Data Structures and Algorithms, OOP, Real-Time Systems, Event-Driven Architecture

EDUCATION

CMR Technical Campus, Hyderabad | B.Tech, Computer Science and Engineering | CGPA: 8.52 / 10.0 | Expected: May 2028

PROJECTS

Open Chat Application | Node.js, Express.js, Socket.IO | [GitHub](#) | [Live Demo](#)

- Built a real-time WebSocket chat app that supports 100 concurrent users per room with configurable capacity and auto-cleanup on disconnect
- Password-protected private rooms with in-memory session tracking and debounced typing indicators to cut down on redundant socket broadcasts

LeetCode Grind Tracker | Python, PHP, MySQL, JavaScript | [GitHub](#)

- End-to-end ETL pipeline where Python pulls daily submission data into MySQL, PHP exposes a REST API, and a JS dashboard visualizes difficulty breakdowns, streaks, and weak topics
- SQL views designed for per-topic performance analysis so practice targets actual weak areas rather than random problems

LeetCode Discord Reporter | Python, GitHub Actions | [GitHub](#)

- Zero-maintenance pipeline using GitHub Actions and cron-job.org that auto-posts daily LeetCode solves to Discord at 10:15 PM IST
- Open source and self-hostable in under 5 minutes, end-to-end ownership from ingestion to delivery

Web Scraper | Python, Java, BeautifulSoup, Jsoup | [GitHub](#)

- Extracts structured data from unstructured HTML in both Python and Java with clean CSV output, edge case handling, and reliable execution

OPEN SOURCE

Rocket.Chat | TypeScript, Testing | GSoC 2026 Preparation | [Merged PR #39853](#)

- Raised 3 PRs in the message-parser module (#39455, #39737, #39733) covering timestamp parsing, isNodeOfType test coverage, and emoji edge case handling in reducePlainTexts
- PRs consolidated by maintainer ggazzo into batch PR #39853 with 10 contributors and shipped to the develop branch

NSoC 2026 | Nexus Summer of Code

- 10+ PRs merged across frontend and backend repos covering bug fixes, dynamic rendering, pagination support, and API response standardization

GSSoC 2026 (GirlScript Summer of Code) | **SSoC 2026** (Social Summer of Code) | Selected as contributor for both programs

COMPETITIVE PROGRAMMING

- LeetCode: 350+ problems | Rating 1720+ | Top 15% | 40+ contests
- CodeChef: 170+ problems | 2 Star | 20+ contests
- SmartInterviews: Rank 3868 / 53,919 (Top 7%) | 170+ problems solved

CERTIFICATIONS AND ACHIEVEMENTS

- Technovanza 5.0 Hackathon: selected for Smart India Hackathon (SIH) 2025 at CMR Technical Campus
- IoT Bootcamp, Sansa Innovations Pvt. Ltd.
- C Programming Certification, Spoken Tutorial, IIT Bombay