K. Veera Raghava Swamy

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Summary

Dynamic Software Developer with expertise in Java, Python, and C, specializing in Data Structures & Algorithms (DSA). Proven track record of solving 600+ problems on LeetCode and participating in 35+ coding contests. Passionate about building high-performance applications, optimizing system efficiency, and leveraging algorithmic expertise to solve complex problems.

Education

B.Tech in Infromation technology Sreenidhi
Institute Of Science and Technology (2022 – 2026)
CGPA **: 8.97/10**
Intermediate (MPC)
 Pranava Junior College, Bhongir (2020-2022)
Score: **979/1000**
Secondary School
KPR Gowtham School, Sathupally
GPA: **10/10**

Projects

LRU Cache Implementation
Tech Stack : Java, HashMap, Doubly Linked List
-> Developed a console-based LRU(Least Recently Used) Cache with O(1) time for get and put operations.
-> Used HashMap + custom doubly linked list to manage item access and eviction efficiently.
-> Supported user command: put, get, display, and exit.
-> Reinforced understanding of data structures, OOP concepts, and cache eviction policies.

Real-Time Median Finder
Tech Stack: HTML + CSS + JavaScript + Heap DataStructure
->Developed a web-based tool to dynamically compute the median of a stream of numbers in real-time using two heaps(Min & Max Heap).
->Ensure O(log n) insertion and O(1) median retrieval.
->Designed a clean, responsive UI with interactive input and live median display.
->Demonstrates knowledge of heap data structures, DOM manipulation, and efficient algorithm design.

Skills

Programming Languages:
C, Java, Python, Data Structures

Web Technologies:
HTML, CSS

Databases & Tools:
MySQL, GitHub

Certifications

- NPTEL Certification in Java programming.
- NPTEL Certification in Python programming.

Accomplishments

- Solved **700+ problems** on LeetCode, ranking in the top percentile for problem-solving.
- Maintained a **53-day streak** of continuous problem-solving on LeetCode.
- Completed **30+ LeetCode contests** demonstrating algorithmic expertise.
- Achieved a **LeetCode Contest Rating of 1600** with consistent contest participation.
- Competed in **25+ CodeChef contests** demonstrating algorithmic expertise.
-Solved **35+** SQL problems in LeetCode
-Ranked among the **Top 10 out of 155 students** in Being zero training.

Coding Profiles

- **LeetCode :** leetcode.com/u/kvr_swamy
- **CodeChef :** codechef.com/users/kvr_swamy
- **MentorPick :** https://mentorpick.com/profile/22311a12f6-swamy