

SAI ARYAN NAMPALLY

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May 2024 graduate seeking full-time opportunities in SOFTWARE DEVELOPMENT.

Education

8.4/10 **B Tech Computer Science in AI - ML**, CMR Engineering College | Kandlakoya, Telangana

2020-On-going

9.4/10 **Higher Secondary Education in MPC**, Narayana Junior College | Hyderabad, Telangana

2018-20

As a talented and motivated individual with a strong background in Computer Science, I would be an excellent fit for your organization and would be pleased to work in a fast-paced environment and hone my skills as much as possible. I have got a pretty impressive coding experience having solved 150+ medium and hard scaled DSA problems and I'm so passionate about programming. I can handle high pressure situations with a patient mind, and can work under a team and individually.

Skills

Coursework OOP , Database systems , Operating Systems , Computer Networks , Data Structure and Algorithms.

Languages C/C++ , Python , HTML , CSS , Javascript (Basics) , Scikit-learn , Pandas , Numpy , Matplotlib , Seaborn

Databases SQL

Dev Tools Github :: Basics , VSCode

Experience

Smart Interviews, Mentor for DSA | Remote

Sept 2023 - On-going

- Working as an intern for **SMART INTERVIEWS** organisation, under the guidance of **Arun Valiappan** Sir (SI Instructor) .
- Developed my data structures and **DEBUGGING** skills on par with the industry levels and helped students in respective learning and understanding of DSA.
- I have been mentoring as an Advanced data structure mentor for students that have taken smart interviews program and assisting them in solving high-end data structures problems.
- Assisted the DSA trainees in solving and tackling **COMPLEX ALGORITHMIC PROBLEMS** , strong debugging skills and train with **COMPETITIVE CODING** skills.

CMR Engineering College, Supportive role with a position of responsibility | Remote

- Organised some of the mock-interview sessions for 50+ juniors from CMR college.
- This is done to segregate them based on their skills in basics of DSA and teaching them the basics to get a good start.

Projects

Predicting Flight Delays with error calculation using machine learned classifiers

[View Source Code](#)

HTML, CSS, JAVASCRIPT, PYTHON, DJANGO, SQLITE, PANDAS, MATPLOTLIB, SKLEARN, NUMPY

Team size - 4

- Development Of A Predictive Model For On-Time Arrival Flight Of Airliner By Discovering Correlation Between Flight And Weather Data.
- Flight Arrival Delay Prediction Using the Gradient Boosting Classifier
- Prediction Of Weather induced Airline Delays Based On Machine Learning Algorithms.
- Flight Delay Prediction System Using Weighted Multiple Linear Regression.
- Capacity And Delay Analysis for Airport Maneuvering Areas Using Simulation.

Achievements

- CodeChef**, - 2* coder with a rating of **1467**
- LeetCode**, - **1582** contest rating by attending 13 contests.
- HackerRank**, - ALL INDIA RANK **660** at SI Primary DSA Problems.
- InterviewBit**, - Hold a total score of **12696** on programming and DSA problems.
- Google's CodeJam Farewell Contest**, **1149** rank in Round - A

Certificates

- Google's CodeJam Farewell Contest**,
- CodeKaze Event Round - 2**,

Languages

English Professional proficiency

Telugu Basic Proficiency

Hindi Native proficiency