Sure Vinay

+91 9642715377 surevinay1@gmail.com Sure Vinay LeetCode Codeforces GitHub

About Myself

I'm a hardworking final-year student and a persistent problem solver. I have good prior knowledge in my technical skills. I'm a self-motivated person with programming skills in DSA and Web Development.

Education

Indian Institute of Information Technology Sri City, Chittoor **Dec. 2021 – May 2025**
B.Tech in CSE

Vidya Vikas Junior College, Jangareddygudem **April 2019 – May 2021**
Intermediate *Percentage: 90.0%*

Vidya Vikas Junior College, Jangareddygudem **June 2018 – May 2019**
SSC *Grade: 9.7*

Technical Skills

Languages: Python, Javascript,Java, SQL, C, HTML, CSS
Developer Tools: Git, MySQL, Mongodb,Postman
Technologies/Frameworks: React, Node.js, Express.js, GitHub, Linux
Cloud: AWS (Basics)
Technical Coursework: Data Structures and Algorithms (DSA), Database Management System (DBMS), Object-Oriented Programming (OOPs), Operating System (OS), Computer Networks (CN), Artificial Intelligence (AI)

Projects

Gadgets of Galaxy | *Full Stack Development* **Mar 2023 - Mar 2024**

- Contributed to the creation of a user-friendly full-stack application for an electronic store, enhancing the overall shopping experience.
- Collaborated on integrating secure user authentication, product management, and a streamlined checkout process, including billing and dashboard functionalities.
- Enabled customers to easily browse and purchase electronic items, ensuring a smooth and intuitive online shopping journey.

Lightweight Authentication and Key Exchange Protocol for IoT | *Python* **Aug 2024 - Nov 2024**

- Designed and implemented a Python-based graphical user interface (GUI) using Tkinter for visualizing and simulating the proposed lightweight authentication protocol..
- Programmed secure cryptographic operations such as hash functions, symmetric and elliptic curve encryption, ensuring protocol compliance and system security.

Twitter-Based Depression Detection using Deep learning | *Python* **ongoing**

- Developed a custom dataset using hashtags related to mental health, applying extensive preprocessing and feature engineering for data quality.
- Achieved 99+ percent accuracy with transformer models (BERT, RoBERTa, ALBERT) for mental health analysis.

Achievements

- Achieved a Jee rank of 3202(EWS), 97.29 Percentile
- Solved 350+ Problems in Leetcode, Codeforces
- 1420 rating in Codeforces
- Ranked in the top 4 percent in competitive programming contests.

Certifications

- Data Structures and Algorithms in C (DSA) from UDEMY