

Suraj Sanganbhatla

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[Github](#) [HackerRank](#) [CodeChef](#) [LeetCode](#) [Codeforces](#)

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EDUCATION

- **VNR Vignana Jyothi Institute of Engineering and Technology** Hyderabad, India
Bachelor of Technology - Computer Science and Business Systems; GPA: 8.6 2020 - 2024
- **Trinity Junior College** Karimnagar, India
Intermediate (12th) - MPC; Score: 966/1000
- **Anglo Vedic Convent High School** Dharmapuri, Telangana, India
10th CGPA : 9.7/10

SKILLS SUMMARY

- **Languages:** C, C++, Python, R, Java, HTML, CSS, Basic Octave
- **Frameworks:** NumPy, NLTK, pandas, scikit-learn
- **Soft Skills:** Leadership, Management, Critical Thinking, Public Speaking, Emotional Intelligence, Problem Solving

EXPERIENCE

- **Amazon ML Summer School** Virtual
Mentee (Apprenticeship) July 2022
 - Selected for Amazon ML Summer School, an integrated learning program for students on key Machine Learning (ML) topics.
- **E-Cell, IIT Bombay** Virtual
Campus Ambassador (Internship) Jul 2021 - Mar 2022
 - Enacted as the face of E-Cell, IIT Bombay in my campus, representing its mission of developing the idea of entrepreneurship.
- **Code In Place - Stanford** Virtual
Mentee (Apprenticeship) April 2021
 - Selected for Code in Place, an introductory programming course using the Python language, based on material from the first half of Stanford University's established intro course, CS106A.

PROJECTS

- **Lung Cancer Detection:** The project focused on building a model for detecting lung cancer using NumPy, pandas, and sklearn. Multiple models were used in the development of this model, including Logistic Regression, Decision Tree, SVM, KNN, Random Forest, and Naive Bayes. The model was trained on a dataset of patient information that was collected from Kaggle and was able to accurately identify cases of lung cancer. NumPy was used to efficiently manipulate a large amount of data, while Pandas was used for data preprocessing and scikit-learn was used to train and evaluate the model. The project showed promising results in detecting lung cancer and has the potential to improve early detection and treatment of the disease. (Sept '22)
- **Sentiment Analyzer:** The project aimed to build a sentiment analyzer using Python's Natural Language Toolkit (nltk). The nltk library was used to process the text data and extract features such as word frequency and sentiment score. The trained model was able to accurately predict the sentiment of text. The project demonstrated the effectiveness of using nltk for sentiment analysis tasks. (August '22)
- **Portfolio Website:** This is my portfolio website to showcase my work and skills. The site was developed using HTML, CSS, a little JavaScript, and Bootstrap to create a modern and visually appealing design. It features examples of my projects, a brief summary of my experience and skills. The site is easy to navigate and provides a comprehensive overview of my abilities. (Jan '22)
- **FLAMES Website:** The project involved creating a simple website that demonstrated the 'FLAMES' game, which is used to predict a hypothetical relationship between two people. The website was built using HTML, CSS, and JavaScript, and featured a basic user interface for entering the names of the two people and calculating the result. CSS was used to style the website, while JavaScript handled the calculations and displayed the result. The project provided a fun and interactive way to explore the concept of the FLAMES game. (Dec '21)

CERTIFICATIONS

- **Stanford Online:** Machine Learning
- **ACM VNRVJIET:** Certificate of Participation - Deep Learning Workshop
- **Megathon 2022 (IIITH):** Certificate of Participation
- **Meta Hacker Cup:** Certificate of Recognition
- **Flipkart Grid:** Certificate of Participation
- **TCS Codevita:** Rank Certificate
- **Smart India Hackathon:** Certificate of Appreciation
- **HarvardX - edX:** Leaders of Learning
- **TCS iON:** Young Professional
- **HackerRank:** Python Certificate
- **E-Cell, IIT Bombay:** “Virtual Stock Market”
- **Coursera:** “Getting Started with AWS Machine Learning”
- **Art Of Living:** Student Leadership Certificate

ACADEMIC ACHIEVEMENTS

- Secured **2804 rank (top 3%) in TS EAMCET**, with self study, among 119,183 students.
- Secured **92 percentile in JEE Mains 2020**, with self study.
- Highest Rating of 1835 in CodeChef (4 stars).
- 5 stars in HackerRank in problem solving, C, C++, Java, Python.
- Global rank of 67 in ‘CodeChef - July Lunchtime’
- Global rank of 93 in ‘CodeChef - March Long One 2022’
- Global rank of 196 in ‘CodeChef - Starters 37’
- Global rank of 1969 in TCS Codevita among 136,054 participants.

VOLUNTEER EXPERIENCE

- **Contributing Writer - Quora**
I actively write answers on Quora. I have more than 50,000 views. (April 2020 - Present)
- **Coordinator and Anchor - MuleSoft Techzone Awareness Session**
Coordinated and anchored for an awareness session on Mulesoft and APIs for 150+ attendees. (Nov 2022)
- **Host - Information Sharing And Analysis Center Workshop**
Hosted a workshop on cybersecurity, for 250+ attendees in my college. (Apr 2022)
- **Student Coordinator - Smart India Hackathon**
Managed multiple teams and provided relevant resources when required. (Mar 2022)
- **Publicity Campaigner - Ecficio 4.OH (Entrepreneurship fest of VNRVJIET)**
Publicized information of various events and competitions of the fest to my circle. (Nov 2021 - Dec 2021)
- **Mental and Physical Health Instructor at Art of Living**
Managed multiple teams and helped people to overcome mental and physical health issues. (Dec 2020)

CLUBS AND EXTRACURRICULAR ACTIVITIES

- **Turing Hut(Coding club)**
Development member
- **VJ Teatro (Short film club)**
Actor at VJ Teatro

Note : Every bold text is a link.