

# VINEET AGARWAL

Maturi Venkata Subba Rao Engineering College

@ vineetagarwal540@gmail.com

+91 9959439081

Hyderabad,Telangana

in <https://www.linkedin.com/in/vineet-agarwal-540abc/>

## CAREER OBJECTIVE

I love problem solving and I am looking to work on a few dynamic and impactful projects! I am well experienced with C++ and Python. My goal is to obtain a challenging position that utilizes my skills completely and provides me with suitable opportunities to grow my communication and technical skills which in turn would facilitate me to grow while working towards the organizational goals.

## EXPERIENCE

Software Intern

Xelpmoc

Nov 2022-Jan 2023

Offline

- I created a demo search engine for a website with a large database. Developed an OTP authentication web app with third-party services using reactjs and nodejs.
- Skills: Sphinx Search Engine · Basics of ReactJs and NodeJs

Summer Intern - Indicwiki

IIIT Hyderabad

July 2022 - Aug 2020

Online

- Worked on a combination of openly available datasets and data scraped from web sources to automatically produce content for Wikipedia articles in indigenous languages.
- Skills: Python (Programming Language) · Beautiful Soup · Jinja

## CERTIFICATIONS

DSA-self Paced Course

GFG



- Learnt DSA from basic to advanced level
- Learnt to become a strong and efficient developer

Database Programming with SQL

Oracle



- Learnt about different types of functions, joins, subqueries, DML, DDL, constraints, regular expressions & database transactions in SQL.

## TECHNICAL SKILLS

- Experienced: C, C++, Data Structures and Algorithms, OOPS.
- Intermediate: Python, R programming, MySql, Git, Selenium, HTML5, CSS3, Good understanding of ML and DL algorithms.
- Familiar: JavaScript, Flask, Streamlit, UML Diagrams, React JS, Node JS, Sphinx Search Engine, Rest Api, Fast Api

## ACHIEVEMENTS

- Rank 3rd in overall problem solving skills across Osmania University.
- Solved more than 500+ problems across all coding platforms.
- Solved 300+ Data Structures and Algorithmic problems in GFG.
- Hosted a technical event in my college and build a debug tech-tac-toe using html, css and javascript

## EDUCATION

B.E. (CSE) - 8.1 CGPA

MVSR Engineering College (affiliated to Osmania University)

July 2019 - 2023

Intermediate - 91%

Telangana State Board of Intermediate Education

2019

Secondary - 9.0 CGPA

Secondary School Certificate

2017

## PROJECTS

Automatic Poetry Generation using NLP

- Word-level and phrase level techniques were used to identify the emotion in the poems of the dataset and categorize them.
- Developed a separate language model for generating poetry of each emotion by fine-tuning OpenAI's GPT-2 model.
- A web API was created and deployed so that the model could be made available to everyone.

Movie Recommender System

- The app was built using Python and machine learning tools.
- Created the algorithm for recommendation using Sklearn and few of the NLP techniques.

Gesture Detection -Rock Paper Scissor

- Built a Computer Vision Rock Paper Scissor game that detects hand gestures against the CPU and counts the score accordingly.
- Utilized image processing to determine the right hand shape.
- The application was built using opencv and mediapipe in python.