

Vibha Vishwanatha Rao

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EDUCATION

- **Pimpri Chinchwad College of Engineering and Research, Ravet** Pune, India
• *Pursuing Bachelor of Engineering - Computer Engineering ; GPA: 9.2* JUL 2020 - JUL 2024
• *Courses: Data Science and Big Data, Data Structures, Web Technology, Artificial Intelligence, Cloud Computing, Data Science(Honors)*

SKILLS SUMMARY

- **Languages:** Python, HTML, JavaScript, SQL, JAVA
- **Frameworks:** Scikit, NLP , PyTorch, TensorFlow, Keras, Flask, Numpy, Pandas.
- **Tools:** Tableau, GIT, MySQL, Jupyter Notebook, Google Colab, MS Excel
- **Platforms:** Ubuntu, Windows, Amazon Web Services, Google Cloud Platform
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **Celebal Technologies** Remote
• *Summer Intern in Data Science (Internship)* May 2023 - August 2023
• **Projects::** AQI PREDICTION and PREDICTIVE MODEL TO CLASSIFY SOCIAL MEDIA COMMENTS
- **Utkarshini Edutech** Remote
• *ANN Intern (Internship)* Feb 2023 - June 2023
• **Project ::** TEXT GENERATION USING TOURISM REVIEWS FROM GOOGLE MAPS
- **SK TECHNOVATIONS** Remote
• *Data Science Intern (Internship)* Nov 2022 - Feb 2023

PROJECTS

- **DETECTION OF OBJECTS TO ASSIST INDIVIDUALS WITH VISUAL IMPAIRMENTS(Work in progress):** This project aims to develop a system for the detection of objects to assist individuals with visual impairments. Tech used : Python, Yolo-v8 ,TensorFlow
- **TRACK TURTLE - PACKAGE TRACKING CHATBOT:** Track Turtle is a package tracking chatbot that uses the WhatsApp API to provide customers with real-time updates on their package deliveries. The chatbot is easy to use and can be accessed by anyone with a WhatsApp account. Tech used : Python, API , Chatbot Development
- **CRYPTOCURRENCY PREDICTION USING LSTM:** This project proposes LSTM algorithms used to predict the prices of cryptocurrencies, namely Bitcoin Results obtained from these models performed better in prediction for all types of cryptocurrency ie. the long short-term memory (LSTM) and bidirectional LSTM (bi-LSTM) models. Therefore, it can be considered the best algorithm. Tech used : Python, LSTM , Neural Networks ,TensorFlow
- **TEXT GENERATION USING TOURISM REVIEWS FROM GOOGLE MAPS:** A text generation using GPT2 - Large that can automatically generate summaries of tourism reviews would be a valuable tool for potential travelers. The system would take as input a tourism review, and it would output a summary of the review that is concise, informative, and easy to understand. Tech stack used - Python , GPT-2 LARGE , Hugging Face Transformers and Pytorch.
- **AQI PREDICTION USING ML AND DEPLOYED ON FLASK:** A text generation using GPT2 - Large that can automatically generate summaries of tourism reviews would be a valuable tool for potential travelers. The system would take as input a tourism review, and it would output a summary of the review that is concise, informative, and easy to understand. Tech stack used - Python , FLASK, ML ALGORITHMS

CERTIFICATIONS AND ACHIEVEMENTS

- Won Best Paper Award In ICCUBEA 2024 - AUG 2024
- Rank 1 on GFG CODING PLATFORM AMONG PCCOER Students.- June 2024
- Solved 400+ questions on LEETCODE CODING PLATFORM. - June 2024
- Finalist in ALL INDIA WOMEN ONLY HACKTHON'23 sponsored by PERSISTENT- September 2023
- Among Top 50 coders in CODE-E-JUNG organized by Celebal Technologies - April 2023
- Participated in AMAZON ML CHALLENGE - Feb 2023
- AWS Academy Graduate - AWS Academy Cloud Foundations - Aug, 2022
- 30 days Google Cloud - Oct 2021
- SheCodes Basics Certification - Aug 2022
- Beginner Intermediate Explore ML with Crowdsourcing Certification - Jul 2022
- Second Runner's Up at Inter Collegiate Basketball Tournament(SPPU) - 2022-23
- Third at State Level Zonal SPPU Basketball - 2022
- Third at State Level Archery Competition(RECURVE BOW) - 2018

VOLUNTEER EXPERIENCE

- **CO-LEAD at GDSC-PCCOER**
Team Building · Teamwork · Team Management · Leadership
Pune, India
Jul 2022 - Jul 2023
- **Secretary at Computer Cosmos Consortium (CCube)**
Students' Association of Computer Department at PCCOER.
Pune, India
Jul 2022 - Jul 2023
- **Indigo Squad Member**
Mood Indigo IIT Bombay
Pune, India
Oct 2022 - Dec 2022
- **VPOC for Crowd Management at GDSC-WoW PUNE**
Part of Event Managing Team for Controlling Crowd
Pune, India
Feb 2023 - April 2023
- **Crowd Management at GDG PUNE AND WOMEN TECHMAKERS EVENT**
Organized events, Part of Event Managing Team for Controlling Crowd.
Pune, India
March 2023 - April 2023