

# Anshul Vaidya

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## EDUCATION

### VNS, RGPV UNIVERSITY

#### BTECH IN COMPUTER SCIENCE

May 2022 | Bhopal, MP

CGPA: 8.0 / 10.0

## LINKS

Github:// **Anshul503**

LinkedIn:// **Anshul-Vaidya**

Kaggle:// **Anshul-Vaidya**

## UNDERGRADUATE

Data Science

Artificial Intelligence

Machine Learning + Deep Learning

Web Scraping

Web Development

Data Structure and Algorithm

## PROGRAMMING SKILLS

• C • C++ • Java(J2SE + J2EE) • Python

• HTML • CSS • JavaScript • AJAX

• JQuery • Android • JSON • MySQL

Familiar IDE's:

• Visual Studio • Google-Colab • Jupyter

Notebook • Spyder • NetBeans • Android

Studio • CodeBlocks • Turbo C

Data Visualisation Tools:

• Power BI • Data Analysis using Pandas

## CERTIFICATION

1. Machine Learning A-Z (Udemy)

2. Deep Learning A-Z (Udemy)

3. Building Recommender System with ML and AI (Udemy)

4. Spatial and Geospatial Data Analysis using Python (Udemy)

5. Data Structure and Algorithm (SCA Institute, Bhopal)

## ACHIEVEMENTS

1. Lead and successfully delivered chatbot for H.V. Desai Eye Hospital, which was the 1st Hospital to adopt AI in Pune

2. Cleared JEE Advanced (2017)

3. Received 9.6/10 pointer in Class 10th

4. Participated in Technical Scripter Competition organised by GeeksForGeeks

## EXPERIENCE

### GRAVITAS AI | CHATBOT DEVELOPER

June 2022 - Present

- Built end to end chatbots for various industries such as healthcare, education, conference sector etc. - **LINK**
- Added book appointment functionality through **AWS Amazon Lex** with **lambda** integrations; Implemented automated reminders email using **AWS triggers**, web scraping of data, etc.
- Implemented AI semantic search similarity technique using confidence score in FAQs intent for better result
- Work with CEO and collaborate with internal teams to ensure quality and successful delivery of bot
- Enhanced user interaction with bots by performing **data analysis** on logs

### PRECILY | DATA SCIENCE INTERN - R&D TEAM

Jan 2022 - April 2022

- Increased efficiency in the Text Annotation of the Intent Dataset - **LINK**
- Implemented **Natural Language Processing (NLP)** techniques and **k-means clustering** to recommend class for different paragraphs
- Performed **unit testing** on backend functions; also worked with technologies like **MongoDB**, **Postman APIs**
- Performed **frontend testing** to identify bugs and enhance **user experience**

### GEEKSFORGEEKS | TECHNICAL CONTENT WRITER INTERN

Sep 2019 - Mar 2020

- **Published 24 articles** on web and android development - **LINK**
- Few articles were in the top 10 most viewed articles

### ABHI AND AISH PVT. LTD. | SOFTWARE ENGINEERING INTERN

Dec 2019 - Feb 2020

- Developed **E-Voting System** using **J2EE** and **DAO** pattern
- Build **Android Apps** such as Video Player, Media Player, Weather App, etc.

## PROJECTS

### DATA SCIENCE AND MACHINE LEARNING

Completed 30+ real life projects - **LINK**

- Predicted house price using advanced **regression** techniques (80+ parameters)
- Predicted employee promotion strategy using various **classification models**
- Performed Exploratory Data Analysis (EDA) on Football Player dataset using **Pandas** and **Power BI** for visualisation, to make a Dream Team
- Performed EDA to analyse Global Warming existence; Predicted Temperature of different Cities using various **Time Series Forecasting models**
- Applied **Churn Modelling Problem** using **ANN - Artificial Neural Network Classification model** for predicting chances of customer leaving bank
- Build **ANN Regression model** to predict the electrical energy generated from a combined cycle of a power plant
- Build Image Search engine using **CNN - Convolutional Neural Network**
- Build **Stock Price Prediction** using **RNN** and **LSTM**
- Build **Credit Card Fraud Detection** using **SOM - Self Organising Map** technique
- Other Projects: Virtual Piano (**Computer Vision**), Chronic Kidney Disease detection, EDA on Covid-19 dynamic dataset, Reinforcement Learning in Marketing and Robotics, GAN, **model deployment using Flask and Heroku**, etc.