

# SHUBHANGI VAJPAI

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Linkedin

Github

LeetCode

## EDUCATION

PSIT College of Engineering, Kanpur

B.Tech - Computer Science and Engineering - CGPA - 8.39

2020 – 2024

Kanpur, Uttar Pradesh

## COURSEWORK / SKILLS

- Data Structure and Algorithms (DSA)
- Database Management System (DBMS)
- Operating Systems
- Oops Concepts
- Software Engineering
- Python

## EXPERIENCE

Machine Learning Developer Intern at Technocolab Softwares |

June 2022 - July 2022

- Learned and Implemented a predictive model for H1-B work visa approval utilizing classification models and advanced data manipulation techniques.
- Utilized Python, Pandas, Scikit-learn, and Flask to implement machine learning algorithms
- Performed Data preprocessing and manipulation.
- Explored various machine learning classification models such as Logistic Regression, Decision Trees, Random Forest, and Support Vector Machines.

## PROJECTS

GREEN VISION | Python, Machine Learning, Deep Learning, HTML, CSS

2023

- Developed a high-accuracy Potato Disease classification web application achieving a precision of 96.5 percent in distinguishing between early blight, late blight, and healthy leaves
- Implemented Convolutional Neural Networks (CNNs) to handle complex image classification tasks efficiently.
- Utilized Flask for seamless deployment, ensuring smooth interaction and accessibility of the application

PreFree Webapp | Machine Learning, HTML, CSS, Streamlit

Sep2022-Dec22

- Engineered a predictive model achieving an impressive accuracy of 93.2 percent by leveraging machine learning techniques on a dataset containing 14,000 patient records.
- Developed the model to predict health risks for pregnant patients, facilitating early intervention and tailored care strategies.
- Employed Streamlit for creating interactive and user-friendly web interfaces, enhancing accessibility and usability of the predictive model.

WeatherSnap | HTML, CSS, JavaScript

Jun2022-July22

- Created WeatherSnap, a user-friendly weather application, offering rapid and precise updates on global weather conditions.
- Utilized HTML, CSS, and JavaScript for frontend development, ensuring a visually appealing and responsive user experience.

## TECHNICAL SKILLS

Languages: Python, C, HTML, CSS, JavaScript, SQL

Technologies/Frameworks: Django, MongoDB, React

Developer Tools: VS Code, PyCharm, IntelliJ, Canva

## Coding Platforms

- Leetcode: 1730+ Rating, Solved 400+ Problems
- GeeksforGeeks and InterviewBit: Solved 300+ Problems

## CERTIFICATIONS

- Python (Basics) (05/2022) Issued by HackerRank
- Linear Regression with NumPy and Python (Guided Project) (10/2022) Issued by Coursera
- Complete Introduction to C++ (06/2021), Issued by Udemy
- Data Science Course (04/2023), Issued by Prepinsta
- Getting Started with Data Analytics on AWS (04/2023), Issued by Coursera

## INTERESTS

- Public Speaking
- Coding and Development