

Vaibhav Verma

(634, sector-14, Sonipat, Haryana)

[+91-9466514634](tel:+91-9466514634)

vverma132k1@gmail.com

[LinkedIn](#)

[Leetcode](#)

[GeekForGeeks](#)

[Github](#)

PROJECTS

Electraa application - Python | OpenAI API | [\(Link\)](#)

(June 2023 - July 2023)

- Created a voice-activated desk assistant app to help you with your daily tasks.
- The app can chat like a human and write content for the user as well.
- Added a fast web search function, handling 500 daily searches in less than 1.5 seconds each.
- Included live news and weather updates from multiple sources, refreshed every 10 minutes.

RoomSphere application - Socket.IO | NodeJS, ExpressJS | HTML, CSS and JS | [\(Link\)](#)

(Dec 2021 - Jan 2022)

- Developed a web-based chat application that supports group chats, allowing multiple users to join and interact in various chat rooms simultaneously.
- Utilized Socket.io to enable real-time messaging, reducing the delay to 50 milliseconds for quicker user interactions.
- Leveraged NodeJS and ExpressJS for efficient backend operations, capable of handling hundreds of daily API requests with a response time below 100 milliseconds.

Breast Cancer Detection Project - Python | [\(Link\)](#)

(June 2021 - July 2021)

- Created a machine learning model to identify early signs of breast cancer, with a 92.9% accuracy and a 91.1% specificity rate, using scikit-learn.
- Analysed a large dataset of over 550 entries, each containing multiple variables related to breast cancer.
- Chose Logistic Regression for the algorithm because it's computationally fast, making for quicker diagnostic results.

EDUCATION

Thapar Institute of Engineering and Technology
Bachelor's in Computer Engineering– CGPA- 7.50

(2020 – Present)
Patiala, India

Little Angels Senior Secondary School
12th - Percentage – 94.33%

(2018 – 2019)
Sonipat, India

SKILLS

- **Programming Languages-** C, C++, HTML, CSS, JavaScript, Python
- **Frameworks/Libraries-** Node.JS
- **Database -** MySQL, NoSQL, MongoDB
- **Version Control-** Git, GitHub
- **Office Tools-** MS Word, MS Excel, MS PowerPoint
- **Core subjects-** operating system(OS), object-oriented programming(OOPS), database management system(DBMS)
- **Soft Skills-** Exceptionally self-driven with leadership qualities and a collaborative spirit; exhibits innovative and analytical thinking along with effective communication skills.

CERTIFICATIONS-

- Exploratory Data Analysis, Johns Hopkins University, [2022] | [\(Link\)](#)
- Data Visualization in R with ggplot2, Johns Hopkins University, [2022] | [\(Link\)](#)
- Visualizing Research Data in Tableau, [2022] | [\(Link\)](#)