

VAIBHAV RAJ

+91-7071442334 | rajivaibhav121@gmail.com

[LinkedIn](https://www.linkedin.com/in/vaibhav-raj-0x/) (https://www.linkedin.com/in/vaibhav-raj-0x/) | [GitHub](https://github.com/Vaibhav0x) (https://github.com/Vaibhav0x)

[Portfolio Website](https://vaibhav0x.github.io/Vaibhav-Portfolio/) (https://vaibhav0x.github.io/Vaibhav-Portfolio/)

TECHNICAL SKILLS

- **Languages:** Python, C/C++, Java, HTML CSS & Java Script
- **Frameworks & Libraries:** Django, ReactJs, Bootstrap, Tailwind, Numpy, Pandas, Matplotlib, Seaborn, Scikit-Learn
- **Tools & Database:** VS Code, Git, Qt Designer, Power BI, MS Excel, MySQL, SQLite, PostgreSQL, MongoDB
- **Other Skills:** Data Structures and Algorithms, AI & ML, APIs, REST APIs, Agile Methodologies, Docker

ACHIEVEMENTS

- Qualified GATE 2024 in Data Science and Artificial Intelligence (DA)
- Earned a 5-star Gold badge for Python on HackerRank.

PROFESSIONAL EXPERIENCE

Intern- Solution Developer, iTech Mission Private Limited

September 2024 - Present

- Managed Django-based components within projects, Improved efficiency by fixing bugs, integrating modules, and enhancing features for scalable solutions. Automated workflows and report generation, streamlining data management process.
- Developed an AI chatbot for querying government datasets like census, SBR and Demography.

Python Developer Intern, Medic Tech Private Limited (IIT Delhi)

March 2024 - July 2024

- Designed a medical image analysis tool that improved data extraction efficiency by 25%.
- Integrated hardware controls for nanoparticle creation, streamlining the process into a unified software solution.

PROJECTS

Rweet - A Django-based Social Media Web Application

Self Learning

Tech Stack: Python, Django, Bootstrap, PostgreSQL, HTML, CSS

- Created a platform for secure user authentication and content sharing with Django and PostgreSQL.
- Enhanced user engagement through features like media uploads and content management.

TransVox Transcription System - Desktop Application

College Project

Tech Stack: Python, SQLite, Qt Designer, NLP

- Integrated translation, voice-to-text, and text-to-speech functionalities, increasing user engagement by 30%.
- Enhanced accessibility features, helping users interact via voice commands.

Spotify Clone - Web Application

Self Learning

Tech Stack: ReactJs, JavaScript, Tailwind

- Created a music streaming platform mimicking Spotify's core features such as song streaming and playback, optimizing user experience with a responsive UI.

Movie Recommendation System - Web Application

College Project

Tech Stack: ML, Python, Pandas, Scikit-Learn, Matplotlib, Seaborn, NLP, Streamlit.

- Delivered personalized movie suggestions using ML and NLP via a user-friendly interface powered by Streamlit.

EDUCATION

Vivekananda Institute of Professional Studies and Technical Campus New Delhi

GGSIU University

Master of Computer Applications (MCA) | CGPA- 9.11

2022-2024

Chatrapati Sahuji Maharaj University Kanpur

Bachelor of Science (B.Sc.) | Percentage- 86%

2019-2022

Christ Church Inter College Kanpur

Intermediate | Percentage - 71.20%

2017-2019

CERTIFICATES

- [Python for Data Science](#) (NPTEL)
- [Data Analytics with Python](#) (NPTEL)
- [Data Visualization with Power BI](#) (Great Learning)
- [Software Engineering](#) (NPTEL)