

VAIBHAV RAJ

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EDUCATION

Vivekananda Institute of Professional Studies and Technical Campus New Delhi	(IPU 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
Janta Higher Secondary School Rajepur Unnao	
High School Percentage- 86%	2016-2017

EXPERIENCE

Python Developer Intern, Medic Tech Private Limited (IIT Delhi) (1 March 2024-Present 2024)

- Developed Python solutions to streamline medical data processing. Created software for medical hardware to enable efficient data collection and analysis. Collaborated with a multidisciplinary team for seamless software integration. Gained experience in coding, testing, deployment, and maintenance.

Data Science Virtual Internship at Bharat Intern (1 Month) 2023

- Task 1:** Stock Prediction of any Company using LSTM | **Task 2:** Titanic Classification

Data Science Virtual Internship at Code Soft (1 month) 2023

- Task 1:** Titanic Survival Prediction | **Task 2:** Movie Rating Prediction | **Task 3:** Credit Card Fraud Detection

Software Engineering Job Simulation Virtual Experience Program

- Interface with Stock Price data feed, JPMorgan Chase & Co. Display data visually for traders, Open source contribution

PROJECTS

- TransVox Transcription System** | Python, Qt Designer, NLP
- Built with Python and PyQt5, our TransVox comprises TranslateXpress for seamless translation, SoundToScript for voice-to-text transcription, and ScriptToSound for text-to-voice generation. It aims to enhance accessibility and usability by providing comprehensive language and communication tools.
- Desktop Voice Assistant (Auris)** | Python, NLP
- It aims to enable seamless interactions with technology. By integrating speech recognition, NLP understanding, and task execution, users can perform tasks, access information, and receive responses in a natural and efficient manner.
- Movie Recommendation System** | ML, Python, Pandas, Scikit-Learn, Matplotlib, Seaborn.
- Our project uses machine learning to analyse and classify movie data. It delivers personalised suggestions via a user-friendly interface powered by Streamlit, integrating NLP for seamless interaction.
- Tic Tac Toe Game** | Using HTML, CSS & JavaScript
- Created an interactive Tic Tac Toe game using web technologies.
- Rock Paper Scissors** | Using HTML, CSS & JavaScript
- Developed a Rock Paper Scissors game to showcase JavaScript skills.

TECHNICAL SKILLS

Languages: Python, C/C++, Java, HTML CSS & Java Script
Frameworks: Django, React
Databases: MySQL, SQLite
Developer Tools: VS Code, Git & GitHub, Qt Designer, MS Suite
Libraries: Numpy, Pandas, Matplotlib, Seaborn, Scikit-Learn
Other Skills: Data Structures and Algorithms, AI & ML

ACHIEVEMENTS

Qualified GATE 2024 in Data Science and Artificial Intelligence (DA)

CERTIFICATES

[Python for Data Science, Data Analytics with Python](#)