

Vasudutt Pareek

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EDUCATION

Vellore Institute of Technology
B-Tech in Computer Science Engineering

Bhopal, MP
May. 2021 – May 2025

EXPERIENCE

Front End Developer

Sept 2023 – Jan 2024

Mek Associates

Faridabad, Haryana

- Developed engaging web interfaces using HTML, CSS, and JavaScript while focusing on optimizing performance reduced page load times by an impressive 40 percent, resulting in a smoother navigation experience for users.
- Partnered with back-end developers to seamlessly integrate GraphQL APIs, enhancing web application performance.
- Created and executed responsive design strategies, ensuring optimal functionality across 10 different devices and screen sizes, analyzed user experience with increased engagement by approximately 20 percent.
- Adopted Git for streamlined code management and peer reviews, decreasing integration issues by 35 Percent

PROJECTS

StockPriceAnalyzer | *Python, Pandas, Yfinance, Matplotlib, numpy, Sql*

- Developed a comprehensive Python-based stock price analysis tool, enabling retrieval and processing of over 10 years of historical data; enhanced analytical capabilities for the finance team by integrating yFinance API in just three weeks.
- Utilized Pandas and NumPy for efficient data manipulation and time-series analysis. Integrated yFinance API for fetching real-time stock market data
- Visualized stock trends using Matplotlib
- Developed and presented insights in Jupyter Notebook, optimizing workflow for data-driven decision-making

Social Activity Website | *JavaScript, Python, HTML/CSS, Machine Learning (ML)*

- Led an 8-member team to develop a social activity website for diabetes and heart attack checkups in Madhya Pradesh, utilizing JavaScript, Python, HTML/CSS, and Machine Learning.
- Implemented 4 major ML models to analyze data from Google Forms, enhancing prediction accuracy by 40 percent
- Coordinated with 7 team members to integrate front-end and back-end functionalities, improving user experience and data processing speed by 50 percent.
- Conducted weekly 1-hour training sessions to ensure all team members were proficient in the latest technologies and methodologies, boosting team efficiency by 25 percent.

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, HTML/CSS, Data structures and algorithms

Frameworks: WordPress, Pandas, Django, Matplotlib, Scikit-learn, Open-CV

Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ

Libraries: pandas, NumPy, Matplotlib, Scikit-learn

CERTIFICATION SKILLS

- Google Cloud Digital Leader by Google
- IamNeo High-Performance Computing in Java
- Bits and Bytes of Computer Networking by Google
- Meta Front End Developer by Meta

EXTRA-CIRICULAR ACTIVITIES

- Researched and identified 30+ undervalued stocks through comprehensive market analysis, directly contributing to a portfolio diversification strategy; the approach led to a significant reduction in overall investment risk
- GFG Rank – 867 in overall VIT Campus