

Snehil Patel

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EDUCATION

Vellore Institute of Technology B.Tech Electrical and Electronics Engineering Current CGPA 9/10	(July 2019- April 2023) Vellore TN
Delhi Public School Azaad Nagar Science with Maths (90.4%), Higher Secondary	(April 2016- April 2018) Kanpur UP

TECHNICAL SKILLS AND COMPETENCIES

Web Development, Machine Learning Algorithms, Data Science

Languages: Java, Python, C/C++, HTML/CSS, R, MATLAB

Frameworks: Flask, Django, Javascript, PHP

Developer Tools: Git and Github, AWS

Other Software: Adobe Premiere Pro, VS Code

PROJECTS

Early Diabetes Predictor (<i>Pandas, Numpy, Matplotlib, Flask, Streamlit</i>)	(May 2021- Aug 2021)
- In this project, our objective is to predict whether the patient has diabetes or not based on various features like Glucose level, Insulin, Age, BMI. - Performed all the steps from Data gathering to Model deployment. During Model evaluation, I compared various machine learning algorithms on the basis of accuracy_score metric and found the best one. - Then we created a web app using Streamlit.	
Stocks Predictor Web Application (<i>Numpy, Streamlit, Plotly, fbprophet, Heroku</i>)	(June 2021- Aug 2021)
- The objective of this application is to create a stock predictor app using web scraped data(historical) to predict future stock closing price Using fbprophet and Web Application using Streamlit. - Basic stock closing price predictor using Facebook Prophet and prediction upto 4 years. - Historical Data obtained from web scraping NSE web and Interactive Graphs made using Plotly.	
Youtube Clone Web Page (<i>Frontend HTML and CSS</i>)	(July 2021- Aug 2021)
- Built this project to test my knowledge on embedding images and videos in a webpage. - Also wanted to see my understanding of CSS grid layouts. - Applied some BEM in the styling to apply my learning knowledge of that too.	
Portfolio Website	Dec 2020- Feb 2021)
- A Github hosted website made using HTML and CSS - Used Frameworks: JS and PHP - Contains web pages like ABOUT ME, PORTFOLIO, RESUME, CONTACT ME	

VOLUNTEER EXPERIENCE

Committee Member, Ayuda NGO	(July 2020-July 2021)
- Bring out the change in society by spreading hands to help the unprivileged children and other backward communities. - My role in the team was to take a look at everyone's work and assist them if they need any help. - I also made many posters and videos creating awareness on cleanliness and mental health during the pandemic.	

CO-CURRICULAR ACHIEVEMENTS

Merit Certificate : Awarded for securing rank 2 in the first year of college issued by VIT Vellore	(07/2020)
Dan 1 Black Belt Holder in Karate : Presented by All India Karate Federation(AIKF) on completing all the requirements for a black belt at the age of 14.	(07/2014)
U13 Karate National Champion : All India Karate Federation(AIKF) held the National tournament in which, I won a Gold in KATA and a Silver in KUMITE	(06/2013)

INTERESTS

- Solving Brain Teasing Coding Problems*
- Chess Enthusiast*
- Sports Content Writing*
- Teaching Kids*