Anurag Pathak

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⊙ ANURAG-PATHAK | in anuragpathak0 | 🐦 _Anurag__Pathak

🎓 EDUCATION

GL BAJAJ INSTITUTE OF TECHNOLOGY AND MANAGEMENT
Btech CSE(AI)   2020-2024

ARMY PUBLIC SCHOOL
Intermediate   2018 - 2019

ARMY PUBLIC SCHOOL
High-School   2016 - 2017

🔧 SKILLS

PROGRAMMING
C++, C, Python, Javascript,
Data Structures and Algorithms

FRONT-END
HTML, CSS, Javascript, Reactjs

BACK-END
Javascript, Nodejs, Expressjs,
MongoDB, MySQL, Postgresql,
Django

MACHINE LEARNING
Python, Pandas, Numpy, Scikit-Learn
MatplotLib, Streamlit

OTHERS
Git, Github, Bash, Linux

🔗 LINKS

Github : ANURAG-PATHAK
LeetCode : anurag__pathak
CodeForces : Anurag_pathak
Blog : anurag-pathak.hashnode.dev

📖 COURSEWORK

Data Structures
Design and Analysis of Algorithms
Operating System
Database Management System
Computer Networks
Machine Learning
Object Oriented Design

⑂ PROJECTS

ECOMMERCE APP   Github ☑

- This is a complete **MERN stack** App, with authentication and payment gateway
- This is a **Single Page Application** in **React.js**
- I used **Node.js and Express.js** to create Backend
- This is the live demo of the website **DEMO** ☑

DIABETES PREDICTION SYSTEM   Github ☑

- This system **predicts** whether a **patient has diabetes or not** by **classifying patients into diabetic and non-diabetic groups**
- I used data provided on **Kaggle** which had **700+** entries
- I used the **KNN** algorithm to cluster them in two groups. I also implemented **Linear Regression** to verify that KNN is best suited for the problem
- I improved my model from **62%** accuracy to **75%** accuracy

DEVELOPER SALARY PREDICTION WEB APP   Github ☑

- This Webapp **predicts** salary of a software developer
- I used **data** from **StackOverflow Developer Survey 2022** Which had more than **75 Thousand** entries
- I used **mean_squared_error,mean_absolute_error** from **Sklearn metrics** to analyse the correctness of the model
- I used the **Linear Regression** and **Decision Tree**, algorithms to predict the salary on the basis of their education, experience and place of working

WEATHER-WIDGET-APP   Github ☑

- This Web app gives **Weather Report** of any city
- I used **HTML, CSS, JavaScript** to create the website
- The website is fully responsive
- I used **API** calls to Fetch Data and Present it on the front end
- This is the live demo of the website **DEMO** ☑

✸ CERTIFICATIONS

- Understanding and Visualizing Data with Python
- Data Science Math Skill
- Introduction to Databases
- Python Data Structure
- AWS Machine Learning Foundations