Anurag Pathak

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ANURAG-PATHAK | 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,
Next.js

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

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

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

WEB OS Github

- This is a project inspired by the Ubuntu OS.
- Techstacks used: **Next.js**, **React.js** and **Tailwind CSS**
- This is the live demo of the website **DEMO**

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 a 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**