

Tinu kumar

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EDUCATION

MCKV INSTITUTE OF ENGINEERING MAKAUT

B.TECH IN COMPUTER SCIENCE(DATA SCIENCE)
2020-2024 | CGPA:9.25 till 2nd year

DAV PUBLIC SCHOOL CBSE

PCM WITH INFORMATICS PRACTICE
CLASS XII | May 2019 | Per:78

DAV PUBLIC SCHOOL CBSE

CLASS X | May 2017 | CGPA:9.4

COURSEWORK

UNDERGRADUATE

Object Oriented Programming
Analysis Data Structure and Algorithm
Introduction to Data Science
Machine Learning
Operating System
Software Engineering

SKILLS

PROGRAMMING

Languages

- Advance: c++
- Intermediate:c, java, python, JavaScript
- Novice: R

Framework || Library

- React JS
- Bootstrap
- Express Js

Technologies

- HTML • CSS
- MongoDB

Miscellaneous

- Node Js
- Heroku
- Firebase
- Git

INTEREST

- Painting
- Bike Riding
- Teaching
- Stock Market

PROJECTS

MOVIE RECOMMENDATION SYSTEM | GITHUB

USED : Content based Recommendation System | Python | Difflib | TfidfVectorizer | Cosine Similarity | Jupyter Notebook

- Feature Extraction: Features is in the Form of text so Converted into Features Vector(numerical form) by TfidfVectorizer , Null value is Filled by Null string
- Getting Score Of every Features vectors by using Cosine Similiarity
- By taking input from the user,finding very close match of movies using difflib Function
- Getting index of Close match , and Finding the higher Score value given by Cosine Similarity.

BLOG APPLICATION | GITHUB

USED: Mongodb | Jwt | Crud | Reactjs | Nodejs | ExpressJS | Bcryptjs | Styled Component | Material-ui

- Designed single-page application using react-router-dom , Material UI/ icons , styled component
- Authentication: In Login Process, user is Authenticated via username and Password which is Store in Database during Signup Process , here Password is Encrypted and append with generated salt by Bcryptjs
- Authorization:after Login, refresh token and access token is generated by JWT and for each API call , authenticate a user by access token for authorization (given some specific control for crud operations).
- user may write(choose categories), delete, update, their blog, upload images ,give comment on blog and read other blogs.

CRYPTOCURRENCY WEB PAGE | GITHUB | WEB-LINK |

USED:HTML | CSS | REACT JS | auth0 | Front-End

- Design a Single page web application by using Material-ui and chakra-ui
- user can sign in / sign up by using auth0
- by axios fetching Exchanges and Coins data from the CoinGecko API
- uploaded on netlify

CODING ACTIVITY

- HackerRank 5 star rating
- DSA:Leetcode+GFG:solved 350+ questions
- participated in intra-college and various online coding competition

CERTIFICATION

- Microsoft AI Classroom Series
- Full Stack Web Development from IIT ROORKEE