ARCHANA KUMARI
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Skills

Languages C++, C,Python, Java Script,Django

Database MySQL,SQL,MongoDB

Concepts OOPs, Algorithms, Data Structure, Problem Solving

Web Development HTML, CSS, JS,React JS

Tools Git, GitHub, Figma

Libraries React JS, Pandas, Numpy, Matplotlib, Folium

Projects

Blog Website: (_blog_Site_ **)Apr'23:**_Website to showcase my blogs._
- Developed a web application using Django web framework, Python, HTML/CSS, SQLite database.
- Designed and developed the frontend with help of CSS and JS, resulting in a responsive and polished user interface.
- Contributed to the project's development, writing reusable and maintainable code, optimizing database queries.
- Created Django forms for database models.
- Worked on back-end and front-end features.

Club Website (view site) **Jul'22:** _Website for a coding club at Central University of Haryana._
- Developed web UI/UX through Figma and designed prototypes .
- Used **ReactJS** for Frontend.
- Worked with existing API's to access necessary information from the backend.
- Collaborated with teammates and updated application versions using Git and Git.

Weather App (Github_link) Aug'22: _Used Python to build an application which can show weather information based on the location_
- Used request module to get information from an API
- Used Tkinter module with improved user experience
- Worked with JSON format to get required data from the response.
- Learned to make GUI applications using Tkinter

Covid Data Analysis (Github_link) Aug'22:
- Used data from Kaggle for analysis.
- Performed Exploratory Data Analysis using Pandas, Numpy.
- Created charts like bar chart, line chart for better visualization of data using Matplotlib and Seaborn libraries.
- Used Folium to display most affected areas.
- Used statistical techniques to understand the data.

Education

Central University of Haryana , India 2020 - 2024 ● Bachelor of Technology (B.Tech) in Computer science & Engineering,8
Pratibha Pallavan Public school, Jehanabad 2018 - 2020 ● _CBSE (Class XII), Aggregate: 76.2 %_
Kendriya Vidyalaya, Jehanabad 2017 - 2018 ● _CBSE (Class X), 81.8 %_

Achievements

- 1st prize in Intra level college Smart India Hackathon organized by Geeks for Geeks.
- 5 ⭐ in Python , 5 ⭐ SQL , 3 ⭐ problem solving and 3 ⭐ C++ in HackerRank
- Conducted a university level web development coding competition.

Positions of Responsibility BytecodeLearner Coding Club | Co-Technical Head Jun'20 - Present

- Maintained a GitHub repository for a club, fixed issues, integrated the changes, and mentored juniors to develop new technical skills.