

Aryan Verma

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EDUCATION

SRM Institute Of Science and Technology

Bachelor of Technology in Computer Science

GPA: 9.25

Sept. 2020 – June 2024

PROJECTS

Road Forecaster | *HTML, CSS, Node.js, Express, APIs, EJS, MongoDB, Mongoose* Aug. 2022 – Present

- Developing a Full Stack Web App which forecasts the weather on User's Travel route
- Implemented Google OAuth to get data from user's Google account the use of multiple APIs such as Geocoding API, Weather API, Google APIs to check every 200m if there's possibility of rain
- Used the Twitter API to show the most recent Tweets related to weather

Quiz App | *HTML, CSS, React.js, API* September 2022

- Developed a Quiz Web App with help of React.js
- Implemented the use of Quiz API which send the questions and answers based on the user's choice of topic and difficulty

To-Do List | *HTML, CSS, Node.js, Express, EJS, MongoDB, Mongoose* Aug. 2022

- Developed a full-stack web application with Node.js serving as backend and HTML+CSS as the frontend
- Implemented EJS to display the dynamic data in the frontend
- Implemented the creation of new pages dynamically and allotting each page its own database
- Deployed the MongoDB database on MongoDB Atlas

The Simon Game | *HTML, CSS, Javascript, JQuery* June 2022

- Developed a memory game which keeps going on until the user fails
- Implemented JQuery which helped in making things like HTML document traversal and manipulation, event handling, and animation much simpler with an easy-to-use API

Folder Sorter | *Python* Apr. 2022

- Developed a Python Program to rename the files
- Implemented the OS module to re-numerate the files and capitalize the 1st letter of the other files.
- Files which were listed in "notChange.txt" were not affected by the change

CERTIFICATIONS

Short Term Training Program On MERN Stack Development Aug. 2022

SRM Institute Of Science and Technology

Chennai, TN

- Training Program on MERN Stack by College Alumni

Image Processing Onramp June 2022

MathWorks

Online

- Learnt the basics of practical image processing techniques in MATLAB
- Modify and extract information from images to develop an algorithm

Certificate of Participation July 2022

Flipkart GRID 4.0

Online

- Participated in the Flipkart Hackathon with the project of a movie recommendation system.

TECHNICAL SKILLS

Languages: Python, C/C++, JavaScript

Web Dev Tools: HTML/CSS, Bootstrap, JQuery, Node.js, Express.js, EJS, Mongoose, REST API, React

Developer Tools: Git/GitHub, Google Cloud Platform, VS Code, Rapid API, Postman, Heroku, MongoDB Studio 3T, MongoDB Atlas

Database: SQL, MongoDB

Security: md5, Bcrypt, Passport, OAuth