Ankit Yadav

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EDUCATION

Indian Institute of Technology CGPA: 8.25/10   Mandi, India | 2019-present
B. Tech. in Electrical Engineering

SKILLS

Languages: C++, Python, SQL (MySQL)
Web Development: HTML, CSS, Bootstrap, JavaScript, ReactJS, Django

Expertise Area: Data Structures & Algorithms, OOPs
Technology: Git/Github, VS Code, Node.Js, DBMS

PROJECTS

INDIA MUST VISIT PLACES ↗   React, React-google-maps, APIs | Present

- My app will presents a map of places worth visiting in India. User can filter locations by name and click each marker to display info window to get a detailed information about specific location with pictures.
- I will use React.js with Google Maps API, Flickr API, MediaWiki API (Wikipedia), as well as react-google-maps and escape-string-regexp packages to build this project.

COVID-19 LIVE TRACKER ↗   Geo Plugin API, Promises, Chart.js, Html, Css, JavaScript

- Created a Responsive Web Application to show the real-time data for coronavirus cases across the world.
- It takes users IP address to get the country code from GEO-PLUGIN API. I used Promises to fetch the Covid data.
- Graph is ploted using Chart.JS. It allows user to change the country from the country list available using search box.

SMART-DRAWER ↗   Arduino, Thunkable, Firebase, Cloudinary, Python

- A Physical drawer linked to an app via firebase in order to maintain an inventory of things for easy management.
- The drawer consisted of Arduino, Camera Module, NodeMCU, and other sensors.

DATA ANALYSIS ↗   Python, Pandas, Numpy, Matplotlib, Sckit-learn

- Worker on Covid-19 Rest APIs for India and around the world and evaluated patient-level statistics.
- Also worked on IIT Mandi Landslide dataset and pre-processed it so that we can examine the landslide area more accurately and warn the farmers accordingly.
- Used different Machine Learning techniques on the given data set to extract the insights and predict the outcome.

BLOG APPLICATION ↗   Python, Django, SQLite, Html, Css

- Made a full Stack restful application using Django which allows all CRED operations.Homepage lists all blog posts with the details of the Author, date and time of publishing.
- Lightweight database was used i.e. SQLite 3.Also I have deployed this app on PythonAnywhere.

AWARDS AND ACHIEVEMENTS

- **Global Rank 2570** | Programming skills | Interviewbit
- **4 star** in Problem Solving | HackerRank
- **All India Rank 2833** Joint Entrance Exam Advanced, among 200,000 candidates
- **1st Position** ROBONOX-2020 (Annual comp. of Robotronics Club | IIT Mandi)
- **2nd Position** Discuss Throw, Aagaaz-2019 | IIT Mandi

EXTRACURRICULAR ACTIVITIES

- **Planning and Management Head** AstraX'21 | IIT Mandi
- **Photography** I love doing Photography | PMC@ IIT Mandi
- **Academic Mentor @ GOAL**Providing free education and Digital literacy to the tribal youth across India.
- **Core Team Member** Programming Club and Robotronics Club | IIT Mandi