Ritish Madan
Computer Science Professional

Inquisitive, energetic Computer Science student skilled in leadership and have a strong foundation in math, programming logic and cross platform coding. Seeking to leverage strong development skill and focus on collaboration, communication passion and creativity.

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EDUCATION

Computer Science Engineering
Panipat Institute of Engineering and Technology

07/2018 - Present   *Panipat, Haryana*

High School
St. Soldiers International School

03/2017 - 03/2018   *Mohali, Punjab*

WORK EXPERIENCE

Machine Learning Intern
Stupa Sports Analytics

05/2021 - Present   *New Delhi*
Building the AI driven Table Tennis statistics Application.
Achievements/Tasks

- Migrated the SQL queries to Python Dataframes using pandas and numpy for faster execution.
- Analysed the Dataset of Table Tennis (Legendary and Professional) for better insights and statistics.
- Analysing Player's Stats and Legendary Match Analysis with Lambda Services.

Software Development Engineer Intern
Digitian Hub Pvt. Ltd.

01/2021 - 04/2021   *New Delhi*
Digital Marketing and Client - Agency Relation Company
Achievements/Tasks

- Worked as full stack developer on MERN Stack.
- Managing the Development team and assigning the tasks for the project to the team members.
- Guiding the team members for the workflow and tasks.
- Working on Production and Testing of the application.

Mentor and Teaching Assistant
Coding Ninjas

08/2020 - 12/2020   *New Delhi*
Among India's Top 10 EdTech product based startup
Achievements/Tasks

- Mentored students enrolled in Data Science and Machine Learning Course at Coding Ninjas.
- Evaluated the projects of students of Data Science.
- Guided the students for Data Analytics, Machine Learning and Deep Learning.

SKILLS

Python   Data Anayltics   Machine Learning

Deep Learning   NodeJS   ReactJS   ExpressJS

Socket.IO   AWS   MongoDB   Selenium

Web Scrapping   Tensoflow   OpenCV

PROJECTS

B2B Marketplace (01/2021 - 04/2021)
- www.digitianhub.online
- A portal built, keeping the best UI and UX in consideration, where users can chat, work and earn through the work done. The money is secure with us, until both the parties investigate, otherwise on the investigation of Digitian Hub Audit payments are processed to the deserving.
- Built the Client Side, Agency Side and the Admin Portal including the integrated chat Engine using Socket.IO, used NodeJS as backed and React as front-end server. Established a secure production environment, over Heroku and AWS including the separated development and production Environment.

Case Study - Indian Startups (08/2020 - 09/2020)
- Analysed the fundraisers, investors and top Indian startups from Indian Startup dataset. Manipulated and cleaned dataset using Pandas in Python and Used Seaborn and Pyplot (Matplotlib) to build the graphs for the analysed data.
- Used Tableau as a learning to fetch the data and manipulate the data.

Instagram Bot - Food Bloggers (10/2020 - 12/2020)
- Built the Instagram bot for top Indian food bloggers. Fetched the data like Followers, mutual followers, likes and like the posts.
- Fetched the data and analysed the common hashtags between the bloggers with the bar graph. Used Pyplot to plot the graphs.'

INTERESTS

UI/UX   Data Science   Full Stack Development

DevOps   AWS   Deep Learning

Machine Learning