ASHISH **YADAV**

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github.com/whoisashish | yadavashish.ml | linkedin.com/in/theashishyadav

Education

National Institute of Technology, Surat   July 2017 - May 2021

Bachelor of Technology

- **Courses:** OOP in C++, Data Science, Algorithms, Network Protocols, Data Structures

Skills

Languages: C++, Python, JavaScript, PHP

Technologies: React.JS, Three.JS, Rest API, JQuery, HTML, CSS, MySQL, Postgresql, AWS, Git, Docker, Kubernetes

Coding Profile

Master in Codeforces | 3 Star Coder in Codechef | Certified and 5 Star Gold Badge in Hackerrank.

Professional Experience

Intel   Bangalore, KA

Machine Learning Intern   May 2020 - July 2020

- Analyzed provided data to find trend in the Stock price of Tata Consultancy Services with respect to the stock price of Nifty50, and provided Visualization using matplotlib.
- Used stock data of last 2 years' price action of Indian Gold Standard and performed fundamental Analysis using Linear Regression to find coefficients of Input and used the same trained model to fill the entire Prediction column.
- Developed a classification model using Logistic Regression to perform Trade call prediction using 3 provided data columns.

JP Morgan Chase & Co.   Bangalore, KA

Software Engineering Intern   April 2020 - May 2020

- Added functionality to Equity team trader's dashboard allowing them to input specific information for monitoring 2 historically co-related stocks and visualize when the correlation weakens so they can monitor new trading strategies.
- Made necessary adjustments to facilitate the monitoring of trading opportunities by fixing 3 different broken client script.

Projects

Search Engine   July 2020

Live (bhaaratsearc.ml) | Code

- Created a Search Engine using PHP that search's and displays result after crawling 3000+ sites and 15000+ images.
- Provides 100,000+ search results in less than 1 second by fetching data from MySQL database.
- Reduced Cache size by 36% for Image Search by applying Elias Fano encoding.
- Introduced voice search feature and observed an upward spike in site hits by 2% in one day.

Music Streaming Web Application   June 2020

Live (nexusprimemusic.ml) | Code

- Created a Search Engine using PHP that search's and displays result after crawling 3000+ sites and 15000+ images.
- Provides 100,000+ search results in less than 1 second by fetching data from MySQL database.
- Reduced Cache size by 36% for Image Search by applying Elias Fano encoding.
- Introduced voice search feature and observed an upward spike in site hits by 2% in one day.

COVID-19 Tracker Dashboard   April 2020

Live (stayhomestaysafe.ml) | Code

- Using Johns Hopkins Data set created a dashboard that helps in visualizing novel coronavirus Covid-19 with country wise data for 190+countries.
- Implemented special section with visualizations of covid-19 in India for district wise data using API for 600+ districts, and reported any information available regarding reported cases according to news.
- The Dashboard Includes a news portal that scrapes 12 different news websites and displays any news regarding Corona Virus.