

Ashish Yadav

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY
BACHELOR OF TECHNOLOGY

July 2017 - May 2021 | Surat, GJ, India

Extensive Electives and Coursework completed in:

- Object Oriented Programming
- Object Oriented Technology
- Data Science
- Machine Learning
- Advanced Engineering Mathematics

KENDRIYA VIDYALAYA No. 1

HIGHER SENIOR SECONDARY SCHOOL CERTIFICATION

April 2014 - Mar 2016 | Kanpur, UP, India

Branch : Computer Science (91.8%)

TECHNICAL PROJECTS

SEARCH ENGINE | Live, Code
July 2020

- 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.
- A pagination system implemented for smooth transition between pages.
- Introduced voice search feature and observed an upward spike in site hits by 2% in one day.

MUSIC STREAMING ONLINE WEBAPP | Live, Code
June 2020

- Create an online Music Player using PHP with all basic functionalities of a music player using EcmaScript6.
- Songs fetched from MySQL database to prevent the page from loading the songs while loading the DOM model.
- To prevent live playing music from pausing while moving between pages, made Ajax calls to load content Dynamically.
- Introduced an account feature to add functionality of Playlist.
- 1000+ user registrations in 3 days.

COVID-19 DASHBOARD | Live, Code
April 2020

- Using Johns Hopkins Dataset 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 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.

SKILLS

TECHNICAL SKILLS

Proficient with:

C++, Python3, Data Structures & Algorithms, JavaScript (ES6)
HTML5, CSS3, Git, MySQL, Data Analytics, Machine Learning
Data Visualization, Statistical Modeling, Network Protocols, PHP

SOFT SKILLS

Outstanding:

Leader - Motivator - Public Speaker

WORK EXPERIENCE

JP MORGAN CHASE & Co. | InsideSherpa

SOFTWARE ENGINEERING VIRTUAL INTERNSHIP

April 2020 - May 2020

- Used JP Morgan Chase's open sourced software "Perspective" to develop an alternative way to visualize and analyze share price data in real time for their traders.
- 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.

INTEL | CAREER LAUNCHER

MACHINE LEARNING VIRTUAL INTERNSHIP

May 2020 - July 2020

- Analyzed data to find trend of Stock price of Tata Consultancy Services with respect to 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.
- Trained a classification model using Logistic Regression to perform Trade call prediction using 3 provided Bollinger columns.

EXTRA CURRICULAR

SPORTS

BASKETBALL

2017 - 2018 | NIT Surat, GJ, India

Led team to 2nd rank in inter year Basketball tournament.

2013 - 2014 | IIT Kanpur, UP, India

Participated in 44th Regional K.V.S Basketball meet.

FOOTBALL

2018 - 2019 | NIT Surat, GJ, India

Secured 4th rank in inter year Football tournament.