Ashish Yadav

Email: nowwhoisashish@gmail.com | +91 77018 97625 | +91 96018 05252
github.com/whoisashish | yadavashish.ml | linkedin.com/in/theashishyadav

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
• Used PHP to Create a Search Engine that provides search result after crawling 3000+ sites and 15000+ images. • Provides all search results in less than 1 second. • A google-like pagination system added. • Implemented voice search feature which provided an upward spike in site hits by 2% in one day.

MUSIC STREAMING ONLINE WEBAPP | Live, Code
June 2020
• Used PHP to Create am online Music Player with all basic functionalities of a music player using EcmaScript6 and fetching songs from MySQL Database. • To prevent live playing music from pausing while moving between pages used Ajax calls to load content Dynamically • Added an account feature to add functionality of Playlist. • 1000+ user registrations in 3 days.

COVID-19 DASHBOARD | Live, Code
April 2020
• Used Johns Hopkins Dataset to create a dashboard that helps in visualizing novel coronavirus Covid-19 with country wise data. • Added special section with visualizations of covid-19 in India for region wise data, and reported any information available regarding reported cases according to news. • Includes a news portal that scrapes different news websites and displays any news regarding Corona Virus.

RAILWAY ANNOUNCEMENT SYSTEM | Code
Jan 2020
• Reads Train schedule for the day as an input from an Excel file. • Using Google text to speech API generates audio for required fields for announcement as per Indian Railway system. • Using pyDub and pyAudio modules generates sound clip skeleton • stiches all clips together and automatically generates sound clips corresponding to a train and saves them in order for announcements. • Capable of generating 1 million sound clips in under 10 minutes.

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 that alerts them of potential trading opportunities.
• 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 broken client script.

CAREER LAUNCHER | INTEL
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 provided Bollinger columns, namely, Higher than upper Bollinger Band (Call: Short), Upper to mid Bollinger Band (Hold Short), Mid to lower Band (Hold Buy), Lower than lower band (Buy).

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 Predictive Analysis • Clustering & Classification • Windows• Ubuntu Data Mining • Quantitative Analysis • Information Retrieval

SOFT SKILLS
Outstanding:
Leader • Problem Solver • Motivator • Public Speaker

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 4nd rank in inter year Football tournament.