

# 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

### ZTM ACADEMY

#### IMMERSIVE SOFTWARE DEV, PROGRAM

December 2018 - February 2020 | Online Boot Camp

Curriculum:

- JavaScript & Computer Science
- Advanced JavaScript Concepts
- Advanced Python Developer
- Machine Learning and Data Science

### KENDRIYA VIDYALAYA No. 1

#### HIGHER SENIOR SECONDARY SCHOOL CERTIFICATION

April 2014 - Mar 2016 | Kanpur, UP, India

Branch : Computer Science ( 91.8%)

## SKILLS

### TECHNICAL SKILLS

Proficient with:

C++ • Python3 • Data Structures & Algorithms • JavaScript (ES6)  
HTML5 • CSS3 • Git • Data Analytics  
Express.js • MySQL • Data Visualization • Statistical Modeling  
Predictive Analysis • Clustering & Classification  
Data Mining • Quantitative Analysis

### SOFT SKILLS

Outstanding:

Leader • Problem Solver • Motivator • Public Speaker

## EXTRA CURRICULAR

### SPORTS

#### BASKETBALL

2017 - 2018 | NIT Surat, GJ, India

Led team to 2<sup>nd</sup> rank in inter year Basketball tournament.

2013 - 2014 | IIT Kanpur, UP, India

Participated in 44<sup>th</sup> Regional K.V.S Basketball meet.

#### FOOTBALL

2018 - 2019 | NIT Surat, GJ, India

Secured 4<sup>nd</sup> rank in inter year Football tournament.

## WORK EXPERIENCE

### JP MORGAN CHASE & Co.

#### 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 so they can monitor new trading strategies.

### CAREER LAUNCHER | INTEL

#### MACHINE LEARNING VIRTUAL INTERNSHIP

May 2020 - July 2020

- Analyzed data and to find trend of Stock price of TCS with respect to Stock price of Nifty50, and provided visualization using matplotlib.
- Performed Trade call prediction using classification.

## TECHNICAL PROJECTS

### MUSIC STREAMING ONLINE WEBAPP | Live, Code

July 2020

- Used PHP to Create an 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.
- Added an account feature to add functionality of Playlist.

### COVID-19 DASHBOARD | Live, Code

April 2020

- Used Johns Hopkins Dataset to create a dashboard that helped 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.
- 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.