Ashish Yadav

Content

Introduction

Hello. I'm Ashish and I'm a multi-talented human. Most of my time I spend doing college stuff but the rest I invest in "Code Time".

You can also call me a software engineer, web designer, data scientist, UI, UX or by any other market defined function-title. Right now the first thing I'm is a Senior-year student at NIT, Surat.

I love Sports. Mainly Football and Basketball. I don't just watch them, I have represented my Institute and my state (Lucknow Region, Uttar Pradesh) at various levels.

I am a music enthusiast too. And I dance.

And… I can do this all day…

I don't like to define myself by the work I've done. I define myself by the work I want to do. Skills can be taught, personality is inherent. I prefer to keep learning, continue challenging myself, and do interesting things that matter.

Fueled by high energy levels and boundless enthusiasm, I'm easily inspired and more than willing to follow my fascinations wherever they take me. I'm passionate, expressive, multi-talented spirit with a natural ability to entertain and inspire. I'm never satisfied to just come up with ideas. Instead I have an almost impulsive need to act on them.

My abundant energy fuels me in the pursuit of many interests, hobbies, areas of study and artistic endeavors. I'm a fast learner, able to pick up new skills and juggle different projects and roles with relative ease. I like to develop expertise in a number of areas over the course of my life and career.

I'm a people-person with deep emotions and empathy, a natural storyteller. I'm able to inspire and am at my best when I'm sharing my creative expressions with others.

Biography

My fascination for computers started at a very young age, the age of 5 when my dad bought home our first personal computer. Watching my elder brother do stuff with a computer was like watching a wizard do magic, no idea how it's done, but I want to learn so bad. That ignited the spark for coding in my life. My introduction to coding languages happened in High School. After that I got enrolled for my bachelor's degree from NIT Surat, India.

I always kept self-learning going parallel to my classes. This has helped me to widen my range of knowledge and gather experiences through various disciplines, such as front-end development, competitive coding, personal projects, extensive elective course work, and many more. Looking into the future a few years, I hope to work for a good employer showcasing my skills, leadership and entrepreneurship.

My work is something I do with lot of honesty, appetite and commitment. This is the main sole reason for me being a top-notch student from grade 1. I managed to be amongst the 16 out of 300 students from my school who bagged 10 out of 10 Grade Point Average during our Secondary School Certificate Examination conducted by Central Board of Secondary Education, India. Two years later I score a 91.8% in our Higher Senior Secondary School Certificate Examination, managing a place in top 0.12% of students all over the country.

I was member of the basketball team of my School and participated in 44th K.V.S Regional Basketball meet. And during my college years I never let studies overshadow my passion for sports. During my Freshman year I was the captain of Team Beta participating in Inter-Year Basketball tournament and led the team to 2nd rank.

During my sophomore year I participated in SVNIT Football league and helped my team reach a rank 4 out of 30 teams. And I managed to bag second place in 'Highest goals scored by an individual'.

I'm currently focusing on Improving my skills in software development field focusing on getting an On-campus placement in a Tech Company. In my spare time, I like reading fiction novels, comic books, listening to music, sketching, Dancing or creating a new website. These help me get out of the Mortal Realm and feel Heavenly with nothing to worry about. These are my doorways to the Spirit Realm.

"*Yesterday* was History, *Tomorrow* is a mystery, but *Today*, it's a gift, that's why it's called the Present, cherish it."

- Master Oogway

Experiences

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 for monitoring 2 historically correlated stocks and visualize when the correlation weakens (one moves proportionally more than that by historical implication) so they can monitor new trading strategies.

Made necessary adjustments to facilitate the monitoring of potential trade 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

Soft skills

- Efficient and effective communication skills
- Assertive, innovative, long-range thinker
- Self-organized and able to work independently
- Great time management for faster and efficient work
- Open and adaptable to changes and unexpected obstacles
- Coach-ability and the desire to coach others
- Team player
- Collaborative mindset and open-minded
- Passion and hunger for excellence
- Always curious, humble and courageous
- Motivated to take on new challenges
- Extrovert and people-person with a friendly attitude
- Empathy for customers, co-workers and vendors
- Strong sense for general awareness & self-awareness
- Open to receive and deliver clear and useful criticism
- Good at stress management

Hard skills

- Diligence and attention to detail
- Strong sense of design theory and typography
- High self-motivation in working individually or in teams
- Great storytelling and collaboration skills

- Ability to work and juggle between multiple projects
- Understanding the Business, Market and Industry
- Lean and Agile Software Development Skills
- Inter-personal and organizational skills
- Entrepreneurial thinking
- Design execution and craftsmanship with an emphasis on information clarity and systems thinking
- User-centric mindset for problem solving
- Planning, conducting and analyzing quality user research
- Photography and video editing and photo manipulations

Technical Skills

- C++
- Python
- HTML
- CSS3
- jQuery
- PHP
- MySQL
- JavaScript
- ReactJS
- NodeJS
- Machine Learning
- Deep Learning

Projects

Nexus Prime Music

Online Music Streaming App

< PHP, HTML, CSS, jQuery, JavaScript, MySQL >

- Live at nexusprimemusic.ml
- Used my music library to create music Database of 300+ songs
- Features of music player: Play, Pause, Next, Previous, Drag or click to change time, Volume control, Shuffle, Repeat
- Albums Page, Artist Pages, Play by popularity, Search for music, album or artist
- Playlist feature, add songs, remove songs, delete playlist

Bhaarat

Search Engine

< PHP, HTML, CSS, jQuery, JavaScript, MySQL >

- Live at bhaaratsearch.ml
- Provides search result after searching 3000+ sites and 15000+ images
- Separate Image Search Engine option available
- Voice Search feature available

- Pagination system available for navigating between various search results
- Displays results by number of times links has been opened by other users
- Displays count of results obtained

Covid-19 Visualizer

Coronavirus Covid-19 Visualizer Dashboard

< HTML, CSS, JavaScript, API >

- Live at stayhomestaysafe.ml
- Provides insight on Coronavirus region wise condition for India
- Provides country wise details about coronavirus cases across the globe
- Has an Info section about coronavirus to spread correct Information
- Has a self-checkup functionality

Railway Announcement

Automatic audio generation for Indian Railways

< Python >

- Code at Railway Announcement System
- Takes input from an excel sheet about all the trains Scheduled for the day

- Uses Pydub and PyAudio modules to perform slicing
  and audio skeleton generation
- Uses Google Text to Speech module to generate
   Required audio files
- All files are stitched together and saved separately
   by train number and Date

**There are a lot more projects to Explore, you can find
them on my GitHub Account**

Education

Bachelor of Technology

National Institute of Technology, Surat

July 2017 – May 2021

Extensive electives and coursework completed in
Object Oriented Programming
Object Oriented Technology
Data Science
Machine Learning
Advanced Engineering Mathematics

Higher Senior Secondary School Certification

Kendriya Vidyalaya No.1, Chakeri, Kanpur, UP

April 2015 – March 2016

Branch: Computer Science (91.8%)

Secondary School Certification

Kendriya Vidyalaya No.1, Chakeri, Kanpur, UP

April 2013 – March 2014

Branch: Science (10/10 C.G.P.A)

Contact

My native place is in Kanpur, Uttar Pradesh, India

But, I keep travelling around!

You can contact me at **nowwhoisashish@gmail.com**

Looking forward to hear from you!