

# Bhavay arora

## IT ENGINEER/DEVELOPER

 bhavay.arora8@gmail.com

 9560872972

### SKILLS

HTML CSS

FIGMA

DATABASE MANAGEMENT SYSTEM

Unity Game Development Software

WORD CANVAS

C++

### LANGUAGES

English  
*Full Professional Proficiency*

Hindi  
*Native or Bilingual Proficiency*

### INTERESTS

Painting Chess  
Badminton Music

### EDUCATION

#### Study Program

Bachelor of Technology, Information Technology.  
Vellore Institute of Technology, Vellore. 2019-2023 Batch.

### WORK EXPERIENCE

#### Brand Ambassador

Skill dosti Company

12/2019 - 03/2020

*SkillDosti is a portal for creative professionals where they can explore trending jobs and freelancing opportunities in the creative sectors like Media, Advertising, Fashion, Fitness, Performing Arts, Design, Architecture, Interior Design etc.*

### ORGANIZATIONS

#### VIT TREKKING CLUB (01/2020 - Present)

*CORE COMMITTEE MEMBER*

#### Becoming I Foundation - VIT (03/2019 - 05/2019)

*We are an NGO that educates children in schools and orphanages around Vellore.*

### CERTIFICATES

Machine Learning with Artificial Intelligence at IIT MADRAS. (09/2019 - 09/2019)

NANOTECHNOLOGY AND NANOSENSORS PART1(COURSERA) (06/2020 - 06/2020)

Digital Systems:From Logic Gates to Processors (05/2020 - 05/2020)

### PERSONAL PROJECTS

#### Flight Price Prediction (01/2021 - 06/2021)

- Flight Price Prediction is the system which predicts the Flight price in earlier. airline ticket purchasing from the consumer's perspective is challenging principally because buyers have insufficient information for reasoning about future price movements. In this project we simulate various models for computing expected future prices. Airlines use using sophisticated tactics which they call "Revenue management" or "Yield management". The cheapest available ticket on a given flight gets more and less expensive over time.

#### PROJECT ON CREATING A ONLINE MOVIE AND SERIES STREAMING WEBSITE (08/2020 - 12/2020)

- This is the project where we've built a website which tells us about the ratings of the movies and series that's available on the streaming platforms like Netflix, prime, hotstar etc. We've used HTML, CSS, JavaScript, jQuery and Express JS in our project.

#### Chess Board Game (09/2020 - 11/2020)

- My project uses Object-Oriented features of C++ to implement the chess game. With the help of object-oriented properties of such language, designers are able to flexibly apply theoretical knowledge to solve practical problems, improve manipulative ability, and developers are encouraged to experience the basic thought—detailing the problem and breaking down things into various objects to solve through the development of the game.

#### Hand Written Text Recognition (08/2020 - 11/2020)

- In a computer vision system, handwritten alphabet recognition is a complex task that is central to a variety of emerging applications. It has been widely used by machine learning and computer vision researchers for implementing practical applications like computerised bank check numbers reading. In this project, we implemented an artificial neural network (ANN) and trained it to recognise hand written alphabets from a z, A Z in Document

### ACHIEVEMENTS

#### MATH-A-THON -WS-2020 – A Mathematical Event (03/2020 - 03/2020)

*It is a Mathematical competition where a team will come up with an idea and make a fully working prototype based on the idea.*