# Adarsh Jain

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## SKILLS

**PROGRAMMING LANGUAGE**
C  • C++ (Proficient)  • Python

**DEVELOPMENT**
React.js        • Node.js
Matlab          • Dart
HTML CSS    • Bootstrap

**FREAMWORKS**
Express.js    • Flutter

**DESIGN - ANALYSIS**
Solidworks    • Ansys

## EDUCATION

**IIT JODHPUR**
Expected 2021 | Jodhpur, India
CGPA: *6.89/10
till 5th semester*

**MAHAVEER SCHOOL**
HIGHER SECONDARY (MPBSE)
April 2016 | Barod, India
Percentage: 80.4%

SECONDARY (MPBSE)
April 2014 | Barod, India
Percentage: 77.3%

**COURSEWORK**
MOOC
Introduction to Programming
Data Structures and Algorithms
Object-Oriented Analysis and Design
Database Management Systems
Python for Data Science

MATHEMATICS
Linear Algebra and Calculus
Probability, Statistics, and R. Process
Complex analysis and Differential
Equations

## COMPETITIVE CODING

**InterviewBit** @adarsh06
(Net Score 32494)

**Codechef** @adarsh
(Highest Rating 1836)

**LeetCode** @codelyf
(100+ submission)

**GeeksForGeeks** @adarsh199
(150+ submission)

## INTERNSHIPS AND EXPERIENCE

**FLUTTER DEVELOPMENT AT NAANIZ  |**  Summer Intern Go->
July 2020 - Present | Mobile app development
- Developed and architected a Jewelry purchase E-commerce mobile application
- Worked with the entire project team to balance creative objectives with business needs and technical requirements

## PROJECTS

**TARGET TRACK  |**  STACKHACK 1.0 HACKATHON BY UPSKILL  GitHub->
May 2020 - Jun 2020 | HackerEarth | Demo Video ->
- Designed and developed a Full Stack server-site Web-Application for **project collaboration**, and easy management of day to day tasks and duties
- Users are allowed to add, delete, edit, archive, and share the tasks, and their description, labels, and due date assist in smooth management
- Node.js and Express develop backend, React with material-UI and Materialize CSS used for Front-end and MongoDB for data-base (**MERN Stack**)

**PREPJEE  |**  AATMNIRBHAR BHATAR APP INNOVATION CHALLENGE
Jun 2020 - Present | Flutter Application GitHub->
- An **Android app** that assists students in JEE preparation by providing an excellent question practice and a contest participation experience
- PrepJEE allows students to apply subject/topic tags, accuracy **filter** and also to choose a **difficulty level** and then keep track of "Todo" and "Solved" questions
- Generates contest submission report consisting of **performance analysis** and comparative standing with access to contest solutions

**EMAIL CLASSIFIER**  GitHub->
July 2019 - Aug 2019 | Self Project
- Implemented **Multinomial Naive Bayes** algorithm to classify a given text file into spam or non-spam, the model was trained using dataset contains 1500 spam, 3700 non-spam email text files
- Achieved **93.50%** accuracy when tested against one - fifth of the dataset

**GESTURE CONTROLLED SYSTEM**  GitHub->
Jan 2019 - May 2019 | Guide - Dr. Ravindra Brammajyosula
- A hand-wrist gestures controlled three wheeler prototype was developed
- Manually created a Wrist movements Data-set for each age-group's customization and so a **smooth** and **precise** motion is achieved

**BUS RESERVATION SYSTEM C++**
Jan 2020 - Feb 2020 | Object-Oriented Programming Project
- Developed a Bus Reservation System using salient features of C++ language, concepts of Object-Oriented Programming and implemented **Dijkstra** algorithm for the shortest path between cities
- Authenticated users are allowed to book tickets, cancel bookings, and see travel history, Admin has access to the status of all buses, and modify permissions

## ACHIEVEMENTS AND EXTRACURRICULAR

- **55/11,000+** globally ( AIR 27 ) in div2 of July'19 Long Challenge of CodeChef
- Rank **92** in Data Structures and Algorithms Coding contest of Hackerearth
- Ranked among the top **0.5% of 1.4 million** applicants in JEE Advanced 2017
- **Core member** Fine-Arts, Photography and Automobile clubs IITJ