

Arihant Jain

Pre-Final Year IT Student at IIIT Gwalior

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EDUCATION

IIIT GWALIOR

INTEGRATED POST GRADUATE

B.TECH + M.TECH IN INFORMATION
TECHNOLOGY

Pre-Final Year student (2017-2022)

LINKS

Github:// [arihantjain8118](#)

LinkedIn:// [arihant-jain-757646165/](#)

Hackerrank:// [arihantjain8118](#)

CodeChef:// [arihantjain18](#)

SKILLS

Programming

C++ • C • Python • Data Structures

• Algorithms

Development & Deployment:

HTML • CSS • React.js • Node.js

• Django • Github • Express • MongoDB

• PostgreSQL • Heroku • Vercel • MySQL

COURSEWORK

Computer Programming

Object Oriented Programming System

Data Structures & Algorithms

Operating Systems

Cloud Computing

Web Architecture System

Computer Networks

Machine Learning

POSITIONS OF

RESPONSIBILITY

Coordinator - Aurora'20, Cultural fest

Head of Hospitality - Infotsav'19

Event Executive - TEDxABVIIITM -2018

ACHIEVEMENTS

- Highest rating on Codechef : **1936 (4 star)**
- **6 Badges** in Problem Solving on HackerRank
- **Secured 2nd rank** in AASF-ICPC (Intra College Coding Competition)
- Got **100 out of 100** in Mathematics in Class XII Board exams

EXPERIENCE

PROSPERITY JUNCTION | WEB DEVELOPER INTERN

June 2020 – July 2020

- Developed the user interface for a platform where the online exams can be conducted
- Created the feature to add exam, add mock papers, add questions to the mock papers, and attempt the exam
- A user attempting the exam can not change the tab or window, if he does anyways, the exam will be over
- Technologies used : **ReactJs, NodeJs, Express, MySQL**

CODECHEF | WORKSHOP FACILITATOR INTERN

May 2018 – June 2018

- Codechef is an online competitive programming platform
- I successfully played my role as workshop facilitator for School students which aimed at introducing them with computer programming
- Introduced school students with problem solving algorithms and applications of programming in real world
- Programming Language used : **Python**

PROJECTS

CHESS WITH CHAT | WEB APP

- It is a multiplayer online chess game
- A user can create unique link of a chess game and send it to a friend
- Synchronization of moves using **Web Sockets**
- Players can video call while playing chess
- Technologies used: **React.js, Node.js, Socket.io, WebRtc, Simple-Peer, Chess.js**

PROJECT MANAGING APP | WEB APP

- Inspired by Trello, can be used to manage projects involving multiple members.
- Multiple tasks can be added with tags, deadlines and assigned to members to be completed.
- Used Redux for high level state management
- Technologies used: **React, Node, Express, Mongo, Redux, JWT Authentication**

RAILWAYS TICKETING SYSTEM | WEB APP

- It is a dummy website for reserving tickets in a train. One can cancel and check status using PNR
- It also maintains a waiting list and confirms the ticket subject to availability
- User verification and e-ticket is send through email
- It shows the others possible routes along with straight route using **BFS Algorithm**
- Technologies used: **Django, Sqlite, HTML, CSS, JavaScript**

GUEST HOUSE BOOKING | WEB APP

- It provides a platform to book a room in Guest House
- The booking of a room is subject to availability of rooms
- Used Redis and Celery for performing asynchronus tasks
- Technologies used: **Django, MySQL, HTML, CSS, JavaScript, Redis, Celery**