

# Arihant Jain

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## EDUCATION

### IIIT GWALIOR

INTEGRATED POST GRADUATE

B.TECH + M.TECH IN INFORMATION  
TECHNOLOGY

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 • Express • MongoDB  
• PostgreSQL • Heroku • Vercel  
• MySQL • Redis • Celery

## COURSEWORK

Object Oriented Programming System

Data Structures & Algorithms

Operating Systems

Database Management System

Cloud Computing

Web Architecture System

Computer Networks

## 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)
- **Secured 1st rank** in Junior Programming Contest

## EXPERIENCE

### E-SAMUDAAY | SOFTWARE ENGINEER INTERN

April 2021 – July 2021

- Worked in an Agile development environment for **Backend Engineering** team
- Augmented each request with a unique id which helps in grepping all the log messages associated with the request
- Created a custom parser to make searching with the log attributes faster
- Automated sending emails with attachment efficiently by generating in-memory files reducing space and time overhead
- Technologies used : **Django, Celery, Redis, PostgreSQL**

### PROSPERITY JUNCTION | FULL-STACK 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 | SUMMER INTERN

May 2018 – June 2018

- Introduced keen programmers to problem solving algorithms and applications of programming in real world
- Designed, monitored and evaluated course structure and assessments
- Programming Language used : **Python**

## PROJECTS

### CHESS WITH CHAT | WEB APP

- 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**

### GUEST HOUSE BOOKING | WEB APP

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

### RAILWAYS TICKETING SYSTEM | WEB APP

- A dummy website for reserving tickets in a train. One can cancel and check status using PNR
- It shows the others possible routes along with straight route using BFS Algorithm
- Technologies used: **Django, Sqlite, HTML, CSS, JavaScript**