

# HARSH GOYAL

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## EXPERIENCE

### ORACLE | Summer Intern

📅 May 2021 - July 2021

- Developed the dashboard that provides access to all the feedback's and suggestions from various services.
- Self-service teams now can access all feedback's easily and quickly leading to **faster resolutions**.
- Involved in various unit testing to cover maximum corner cases.
- **Tech Stack** : React, Typescript, Javascript, HTML, CSS, Jest.

## PROJECTS

### Checker's

- GUI based Board game between 2 players, combined with **intelligent automated CPU** player.
- Computer Move is based on the results of **Max-Min Game Theory**.
- Achieved **faster** computation of CPU move by **alpha-beta pruning**.
- **Tech Stack**: Object Oriented Programming, Java, Java-Swing.

### Play With Graphs

- Java based GUI application which gives us interaction with graphs and understand the working of **Dijkstra's Algorithm** via an animation.
- Synchronizing multiple shortest paths using **Threads in Java**
- **Tech Stack** : Java, Java-Swing.

### Gym Management

- A very handy GUI application to manage the records of Gym Trainers, Members and Equipment's.
- Provides Gym Members the utility to view their Diet Schedule and Work Out Plan.
- **Tech Stack** : Java, Java-Swing, Object Oriented Programming, MySQL.

### Corona Dashboard

- Developed the dashboard that provides access to the latest data available on COVID-19, such as new cases, deaths, positive test rate, along with the graphical representation of the same.
- Data can be viewed with respect to the country level , and statewise and district wise for India.
- **Tech Stack** : NodeJS, JavaScript, MongoDB.

## RESPONSIBILITIES

### Hack In the North, IIIT-A

#### Head

📅 Aug 2019 - Present

### Effervescence, IIIT-A

#### Web Developer, Executive

📅 Jan 2019 - April 2020

## EDUCATION

### B.Tech in Information Technology

#### Indian Institute of Information Technology, Allahabad

📅 July 2018 - Present

📍 Prayagraj, U.P.

- CGPA : 9.15

### All India Senior School Certificate Examination (AISSE)

#### B.C.M Senior Secondary School

📅 April 2016 - March 2018 📍 Ludhiana, Punjab

- Percentage : 93.6%
- Courses: Maths, Physics, Chemistry

## ACHIEVEMENTS

- Recipient of Merit Incentive Award for consecutive 2 years.
- Qualified for Google Code Jam **Round 2**.
- Qualified for Facebook Hackercup **Round 2**.
- Secured **204 Rank** in Google Kick Start Round G 2020.
- **Top 30** TopCoder Humblefool Finals 2020/2021.
- **Under Top 5** teams in MNNIT, Codewarz 2020.
- **Ranked 57** in Code Red 2020 among 500+ teams.
- **Secured Global rank under 100** in Codeforces Round #650 Div. 3 among 35000+ participants.
- **Secured Global rank 331** in Codeforces Round #652 Div. 2 among 30000+ participants.
- **Secured Global rank 95** in Codechef November CookOff (Div. 1).
- **3<sup>rd</sup>** Runner Up in Programming Contest (Code in 12) at IIITA.

## PROFESSIONAL SKILLS

**Languages:** C/C++, Java, Python, SQL.

**Web Development:** React, JavaScript, Typescript, Jest, HTML, CSS.

**Tools:** Git, MySQL, Linux.

## CODING PROFILES

- Codeforces: [Eclipse\\_Hunter](#)  
Highest Rating - 1873 (Upper-Expert)
- CodeChef: [Eclipse\\_Hunter](#)  
Highest Rating - 2016 (5-Star)
- Hackerearth: [harsh992](#)  
Highest Rating - 1597
- Code Jam/Kick Start: [Eclipse\\_Hunter](#)