

# Mahak Mandlecha

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## EDUCATION

### SHRI G. S. INSTITUTE OF TECHNOLOGY AND SCIENCE

B.TECH COMPUTER SCIENCE  
Expected: 2022 | Indore, India  
CGPA: 8.90/10

### JNV MULTHAN

HIGHER SCHOOL  
May'2017 | Dhar, India  
Percentage: 93.2

### JNV MULTHAN

HIGH SCHOOL  
May'2016 | Dhar, India  
CGPA: 10/10

## LINKS

Codechef: [mahak\\_1911](#)  
Github: [mahakmandlecha](#)  
HackerRank: [Mahak\\_19](#)  
Leetcode: [mahak\\_19](#)  
LinkedIn: [Mahak Mandlecha](#)

## SKILLS

### PROGRAMMING

• C • Java

### DATABASE

• MySQL • Postgres • Oracle SQL

### WEB DESIGNING

• HTML5 • CSS • JavaScript • ReactJs

### APP DESIGNING

• Flutter • Android(Java)

### FRAMEWORK

• Spring Boot • Bootstrap-4

### TESTING

• Junit • Mockito • Selenium

## COURSEWORK

Computer Architecture  
Data Structures  
Database Management Systems  
Design and Analysis of Algorithm  
Design Thinking  
Discrete Structures  
Object Oriented Programming  
Operating Systems  
Programming Practices  
Software Engineering  
Theory of Computation

## WORK EXPERIENCE

### TRANIEE ENGINEER | METAMORPHOSYS TECHNOLOGIES PVT. LTD.

January'2022 - May'2022

- Worked on API's that uses RestTemplate concepts to efficiently keep track of history by generating history dump and saving them to SQL database.
- Resolved Data-loss issues by identifying and fixing the bugs. Also, refactored the existing product code to handle the edge cases which were earlier breaking the Happy Flow.

### TECHNOLOGY INTERN | DBOI GLOBAL SERVICES PRIVATE LIMITED

May'2021-July'2021

- Developed the backend server with Spring Boot, involving different layers of the application including Model,Repository, Controller, Service.
- Involved in creating, designing the database, and connecting it with MySQL and Oracle SQL.
- Worked on enhancing the UI of the application using ReactJs which interacts with RESTful services at the backend.
- Developed JUnit test cases for testing the business services and carried out bug fixing by rigorous testing using JUnit and Mockito.

## PROJECTS

### PLASMA DONOR CONNECTOR

March'2021

- Built a user-friendly app to connect Plasma Donor and a Covid-19 Patient.
- Used Google Maps and News API to show nearby donors and the latest news related to Covid-19 respectively.
- All the available donors along with their phone number and blood group are shown in google map as well as in the form of a list to search and contact donors easily and efficiently.
- Technology Used: Flutter, Firebase.

### AGRISMART

May'2020

- Project selected for Smart India Hackathon 2020 finals. Designed a platform where farmers and transporters can connect to each other. The main aim of this is to include Truck pooling, to reduce carbon emission, and also increase the daily wages of the transporter. Responsible for making the frontend of the application with a team of 6 people.
- Technology Used: React Native.

## EXTRA CURRICULAR ACTIVITIES

- Technology lead at **Google Developer Students Club SGSITS**, Indore.
- Recipient of **Grace Hopper Celebration(GHC)** scholarship by AnitaB.org
- Selected as one of the recipient(out of 50) of **WeTech Mentorship program** offered by **Goldman Sachs**.
- **Smart India Hackathon Finalist** under the Department of Science and Technology(PR424).
- **Mentor** of Java by Uplift Project at GirlScript Organization.
- Under **top 5 percentile** out of 892 in **DBMS** course by IIT Kharagpur on NPTEL.
- Part of Global **Microsoft Learn Student Ambassadors** community as a Beta MLSA.