

Parul Jain

Final Year | Indian Institute Of Technology Jodhpur
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EDUCATION

IIT JODHPUR

B.TECH IN MECHANICAL
ENGINEERING

Expected 2022 | Jodhpur, India

CGPA: *8.62/10.00

*till 6th semester

SBIOA PUBLIC SCHOOL

AISSCE | CBSE

April 2017 | Jaipur, India

Percentage: 94.6%

AISSE | CBSE

April 2015 | Jaipur, India

CGPA : 10.00/10.00

SKILLS

PROGRAMMING LANGUAGES

C++ • C • Javascript

DEVELOPMENT

ReactJs • Node.js • Express.js

HTML • CSS • Redux

FAMILIAR

JAVA • MATLAB • Python

OPERATING SYSTEM

Windows • Linux

UTILITIES AND TOOLS

GIT • MongoDB

Postman • NodeMCU

LINKS

Github: jparul26

LinkedIn: Parul Jain

Codechef: Parul

Hackerrank: jain26

LeetCode: Parul

COURSEWORK

RELEVANT COURSES

Linear Algebra and Calculus

Probability, Statistics and

Random Processes

Complex Analysis and Differential
Equations

Computer Programming

Basic Electronics Engineering

MOOC'S

Data Structures and Algorithms

Object-Oriented Analysis and

Design

EXPERIENCE

GOOGLE | SOFTWARE ENGINEER INTERN

May 2021 - Aug 2021 | GCloud GCP

- Worked on a full stack development for Google's Admin Console Platform
- Added RESTful API using **JAVA**, used **JUNIT** and **Mockito** for writing unit tests and **Javascript** for UI layer
- Created documents for the feature and studied across various alternatives with pros and cons.

PROJECTS

TECHMATE | WEB DEVELOPMENT | INITIATIVE

March 2020 - June 2020 | Deployed [↗](#) | GitHub [↗](#)

- Developed a platform for female developers to collaborate on projects and discuss issues on inbuilt forum (**200+ registrations**)
- Aided the team to write backend in **NodeJS**, **ExpressJS** and **MongoDB** to provide RESTful API while **React-Redux** is used for client-side
- Applied **JWT middleware** to backend for authentication and used **Passport**, mail verification and **Facebook API** for security purpose

SMART IRRIGATION SYSTEM | B.TECH PROJECT

Jan 2020 - July 2020 | Guide : Dr.Ravindra Brammajyosula

- Designed an **Internet Of Things** based smart irrigation and Monitoring system using **ESP8266 NodeMCU** module, Arduino uno and moisture sensor
- Trained a mathematical model using **Logistic Regression** to process data received from sensors and rainfall prediction to minimize use of water

TARGET TRACK | HACKATHON PROJECT

May 2020 - June 2020 | GitHub [↗](#)

- Created a full-stack web application for easy and **efficient task management**
- Responsible for Implementing **UI mockups**, integrating third party React libraries and handling/creating **Redux** store data

TRAFFIC ROAD SIGN CLASSIFICATION | SELF PROJECT

Oct 2019 - Nov 2019 | GitHub [↗](#)

- Implemented a **Convolutional Neural Network** architecture for the purpose of detecting and classifying traffic road signs using **TensorFlow** and **Keras**
- Achieved an accuracy of **96.5%** when tested on GTSRB Dataset

VOTE-CHAIN | MICROSOFT CODEFUNDO++ 2019

May 2019 - Aug 2019 | Blockchain based web application | GitHub [↗](#)

- Developed a decentralized e-voting web application based on **Solidity**, **React** and **Azure Blockchain Service** to reduce the cost of election
- Implemented secure remote voting and expedite vote counting mechanism using **MetaMask** and **Ethereum**

ACHIEVEMENTS

- Global Rank **55/11,000+** (**Indian Rank 27**) in division 2 of July 2019 Long Challenge contest of Codechef
- **Batch Rank 1** and overall **1892** out of 3 lacs participants in InterviewBit
- Secured **3rd position** in software hackathon organised by IIT Jodhpur
- HackeEarth, August Easy'20, Ranked **97th** globally.