

# Himanshu

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[Linkedin](#) | [Github](#) | [Leetcode](#) | [Website](#)

## EDUCATION

### NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR

B.TECH IN MATHEMATICS AND COMPUTING | CGPA 8.6  
 Dec 2020-July 2024

### DAV PUBLIC SCHOOL GHUMARWIN

CLASS 12TH  
 May 2020 | Percentage : 94.4%

## COURSEWORK

### UNDERGRADUATE

Data Structure  
 R-DBMS  
 Object Oriented Programming  
 Operating Systems  
 Introduction to Programming  
 Cryptography  
 Computer Networks  
 Soft Computing

## SKILLS

### PROGRAMMING

Languages :

- Advanced : C++
- Intermediate: Python , Javascript

Tools :

- Git • Github • Linux • Windows
- Postman • Putty

Framework & Library :

- Django • React JS
- DRF • Djoser

Technologies :

- HTML • CSS • Bootstrap
- AWS • Docker • VIM • SQL
- PostgreSQL

### SOFT SKILLS

- Team Player
- Bias for action
- Deliver results

## INTEREST & HOBBIES

- Athletics
- Video Gaming
- Gyiming

## EXPERIENCE

### IIT MANDI CATALYST | FULL STACK DEVELOPER

June 2023 – August 2023 | on-Site

- Building a full-stack web application for IIT Mandi Catalyst to digitalize and manage formerly manual data handling.
- Enhancing data accessibility for Catalyst employees and registered startups by transferring data to a PostgreSQL database and incorporating a seamless authentication system.
- Designing tailored user views to facilitate data analysis and status tracking for both startups and incubators.
- Utilizing Django for backend, React JS and Material UI for frontend, PostgreSQL for database, and AWS for hosting services.

## PROJECTS

### CYCLONE WATCH AN WEB APPLICATION FOR CYCLONE WARNING Machine Leaning , Django,REST | [github](#) | [live](#)

- an Web application that uses INSAT-3D IR images to observe and learn data, providing warning signals for cyclones in tropical regions.

### PACIFIC BUY AN ECOMMERCE WEBSITE

Django, Html, CSS, JS | [github](#) | [live](#)

- Developed an E-commerce website from scratch using the Django framework.
- Implemented CRUD (Create, Read, Update, Delete) operations to enable users to manage products, orders, and payments.
- Designed an email-based login system for secure user authentication and authorization.

### TECH NEXUS WEBSITE ORGANISATION WEBISTE

ReactJS, firebase | [github](#) | [live](#)

Contributed to the development of the front-end of the website for Tech Nexus 2022, an International Level Tech Fest of NIT Hamirpur. | Utilized ReactJS to create reusable components for the website, resulting in cleaner and more maintainable code.

## ROLES AND RESPONSIBILITY

### COORDINATOR AT TEAM MATCOM NIT HAMIRPUR

Departmental Club of Mathematics and Computing

### EXECUTIVE MEMBER AT TEAM . EXE NIT HAMIRPUR

Departmental team of the Computer Science Eng

### EXECUTIVE MEMBER AT TECH NEXUS NIT HAMIRPUR

A International Technical Fest of NIT Hamirpur

## ACHIEVEMENTS

- Solved 500+ problems based on Data Structures and Algorithms on different coding platforms
- Recipient of the SJVN Scholarship, awarded to top 20 students in state.