Mohit Singh

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Education

National Institute of Technology, Raipur
- *Chemical Engineering* - **9.17 CGPA**

New Era School,
- *12th Standard* - **97.4%**
- *10th Standard* - **10 GCPA**

Professional Experience

Chegg,
Computer Science Subject Matter Expert ⬈

Oct 2020 – present

Solved over 2000+ Computer Science and Engineering questions using languages like C, C++, Java, Python, and Matlab.

Deloitte, Technology Consulting Virtual Intern ⬈

Jun 2020 – Jul 2020

Configured the technical logistics for cloud-based data integration.

JP Morgan Chase & Co.,
Software Engineering Virtual Experience ⬈

Jun 2020 – Jul 2020

- Analyzed the financial data feeds
- Performed data visualization with Perspective and Python

Technical Skills

Microsoft Office (*Excel, PowerPoint, Word*)

Python (*NumPy, Pandas, Matplotlib, Seaborn*)

Front-End (*HTML5, CSS, Javascript, React.js*) | **SQL**

C++ | **Data Structures & Algorithms**

Decision making | **Problem-solving**

Certificates

Microsoft Excel -Beginner to Advanced | Udemy

SQL for Data Analysis | Udemy

The Complete Python Bootcamp | Udemy

Web Design Specialization | University of Michigan

Interests

Reading | Data Analysis | Cuisine exploration

Languages

English | Hindi

Organisations

Entrepreneurship Cell, NIT Raipur,
Coordinator - Design Team

2021 – present

- Responsible for designing layouts of the E-Cell 2021 android application and website.
- Responsible for creation and aesthetic improvement of promotional banners and posters

TEDx NIT Raipur, Web Designer and Developer

2020 – present

- Responsible for implementing visual effects for TEDx NIT Raipur website 2021.
- Responsible for designing graphic elements using process flows, wireframing, and mockups.

Projects

Exploratory Analysis of Uber Rides In New York City ⬈

Performed detailed analysis of Uber rides in New York city using NumPy, Pandas, Matplotlib, Seaborn, etc. Analyzed the cab rush by the hour, by day, and by month and pinpointed the busiest business areas.

Exploratory Analysis of Crimes Against Women In India ⬈

Performed detailed analysis of Crimes against women in India from 2001 to 2014. This project analyses and highlights the growth of crimes such as rape, kidnapping, abduction, etc.

The Nomad Project ⬈

Designed and developed a professional-looking website for a sample tour company using modern web design techniques, ready for commercial use.

Ticcert: The all-in-one booking app ⬈

Designed and developed a complete vacation booking(tours, flights, hotels) and car rental website using modern web design paradigms and technologies such as flexbox.

Awards & Achievements

Ghaziabad Science Stream City Topper,
Ghaziabad Municipal Corporation

Scored highest marks in CBSE 12th standard examination in Science stream in Ghaziabad and received a gold plaque and trophy from Mrs. Asha Sharma(Mayor, Ghaziabad)