# ROHAN KUMAR CHOUDHARY

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## Skills

**Languages:** C, C++, Python, Java, JavaScript, SQL
**Developer Tools:** Chrome DevTools, Git and Github for **Version Control**, VS Code(IDE)
**Frameworks:** React, Node.js, Express.js, Bootstrap, HTML, CSS
**Cloud/Databases:** MongoDB, MySQL
**Coursework:** DSA, Object Oriented Programming, Operating Systems, DBMS, Computer Networks, Artificial Intelligence, Machine Learning etc.
**Soft Skills:** Good Verbal Communication and Written Communication, Leadership, Team Work, Decision making, Problem solving, Presentation skills.
**Areas of Interest:** Data Structure and Algorithm(DSA), UI/UX, Competitive Programming, Full Stack Web Development

## Education

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|---|---|
| **National Institute of Technology, Patna, Bihar, India** | **2021 - 2025** |
| ● Branch: Computer Science and Engineering \| CGPA: **9.2** | (expected) |
| **Montfort Academy, Dhanbad, Jharkhand, India** | **2019 - 2021** |
| ● *CBSE (Class XII), Aggregate: 97.6%* | |
| **Kids Garden Secondary School, Dhanbad, Jharkhand, India** | **2018 - 2019** |
| ● *CBSE (Class X), Aggregate: 97.2%* | |

## Technical Projects

**DialogueDome (Chatting app)**                                           *Github Link*
*Developed a real-time online chat application to seamless communication between users in different chat rooms.*

- Engineered a real-time chat application using **Node.js**, **Express**, and **Socket.IO**, enabling instantaneous communication with **WebSocket technology**.
- Implemented a robust user management system with features such as **unique usernames**, **error handling**, and **real-time notifications** for user join/leave events within chat rooms.
- Integrated geolocation services for dynamic location sharing, utilizing **Google Maps API** to generate location-specific URLs for an enriched user experience.

**UmbrellaSnap.io (Weather app)**                                         *Github Link*
*Developed a weather app to show live weather status of various cities across the world.*

- Created a weather application that fetches real-time weather data from the **Rapid API**. Designed the user interface with **HTML** and enhanced its responsiveness using **Bootstrap**.
- Utilized **JavaScript** to handle **API requests** and data rendering dynamically. Gained proficiency in making **asynchronous API requests** and manipulating **JSON data.**

## Coding Profiles

**Leetcode** (rated max 1744)
**GeeksforGeeks** (1000+ Overall Coding Score)
**Coding NInja** (Level-7 Expert)

## Positions of Responsibility

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|---|---|
| **Study Material Expert,** Jeegyasa Educom (OPC) Pvt. Ltd. (Certificate) | **Nov'21 - March'23** |
| **Vice President,** Design Company, NIT Patna | **Aug'23 - Present** |
| **Administrative Co-Lead,** HackSlash, NIT Patna | **June'23 - Present** |
| **Design Lead,** Google Developer Student Club, NIT Patna | **June'23 - Present** |

## Academic and Extracurricular Achievements

- **Gold Medal in NPTEL course "The joy of computing using python".**
- **Level 17 Contributor:** Google Crowd-source contributed to data accuracy and UX**.**
- **Problem Solving:** Solved **900+** problems on GeeksForGeeks, Leetcode, and CodeStudio.
- **Codechef:** 2 star coder (rated 1450+)
- **Selected as the campus ambassado**r for Cisco Systems (India) Pvt. Ltd.
- **Smart India Hackathon 2023:**Lead the team to be selected in **top 07 teams at National level** for the particular problem statement.