

# ROHAN CHATURVEDI

SOFTWARE ENGINEER

+91 789-799-4854    RohanChaturvedi2004@gmail.com    /Rohan    CodeGreatCommander    KnowRohan

Examination	Majors	Institute	Year	CGPA/%
10th Standard	Science	CMS	2020-2024	98.8
12th Standard	Maths and Science	CMS	2018-2020	98.75
Undergraduate	Mathematics and Computing	IIT Delhi	2022-Present	9.8/10

## SUMMARY

As a full stack web developer passionate about AI/ML, I merge dynamic web design with cutting-edge technologies. My expertise creates user-centric experiences while integrating AI/ML for predictive analytics, personalized content, and automation. Bridging innovation and user intuition, I craft the future of web development.

## SCHOLASTIC ACHIEVEMENTS

- Secured a all india rank of **266** in JEE Advanced 2022 [August'22]
- Secured a all india rank of **432** in JEE Mains 2022 [July'22]
- Cleared KVPY with a rank of **156** in SX and **726** in SA [May'22]
- IOQM, IOQP and IOQC qualified with national ranking within 1% [November'21]

## TECHNICAL SKILLS

<b>Programming</b>	C, C++, Java, Python, JavaScript, R, Solidity, SQL ,MongoDB
<b>Development</b>	ExpressJS, NodeJS, ReactJS ,Angular , NextJS ,Bootstrap ,MUI
<b>Machine Learning</b>	RNN, CNN, Deep Learning, Attention, Transforers, OpenCV, YULOV, Standard Regression, Classification, Clustering and Recommendation Algorithms

## PROJECTS

### Machine Learning

- SpamODetector** | Python, Keras, Tensorflow, RNN, Attention, NextJs, Tailwind Jun 2023 - July 2023
- It's a trained ml model for detecting spam messages with a release in api endpoint for combining with email
  - A ui interface interface has also been created using NextJs and Tailwind to enhance the user experience and to give him a try at using it

- Natural Language Enhancer** | Python, PyTorch, Tranformers, Flask Aug 2023 - Sep 2023
- A nlp model to pick and upgrade sentences based on the given query to improve the semantics

- VoiceToText** | Flutter, GoogleTranslate, Attention Aug 2023 - Sep 2023
- A Flutter app for translating voice to speech with a special cover of playing the sign language for the deaf
  - Special support for all major languages accross the world using

### Development

- IIT Delhi Career Portal** | MongoDB, ExpressJS, ReactJS, Material UI Ongoing  
EDC (Expected by Dec '23)

- It's the IIT Delhi career portal which acts as a link between the Startups and the students

- IIT Delhi PhD portal** | MySQL, NodeJs Ongoing  
CSC (Expected by Jan '23)

- It's a project involving the creation of a portal for PhD students with easy access in the future

- Parking** | MERN stack, Tailwind April 2023 - May 2023

- It's a commercial project taken on the idea of the creation of a portal for reserving parking at commercial places.

## KEY COURSES UNDERTAKEN

---

### Mathematics and Statistics

- Calculus(MTL100), Linear Algebra and Differential Equations(MTL101), Discrete Mathematics(MTL180), Linear Algebra(MTL104)

### Computer Science

- Introduction to Programming(COL100), Data Structures and Algorithms(COL106)

### Electrical and Electronics

- Introduction to Electrical Engineering(ELL101), Principles of Electronic Materials(PYL102)

## POSITIONS OF RESPONSIBILITY

---

### Executive

Aug 2023 - Present

#### *DevClub*

- Associated with multiple projects within the club
- Associated with organising and participating hackathons not only across campus and but also nation

### Technical Executive

May 2023 - Present

#### *Board of Recreation and Cultural Activities*

- Website Maintenance
- App development for the club

### Technical Executive

August 2023 - Present

#### *Board of Student Welfare*

- Website Development for the club

## ACHIEVEMENTS & CERTIFICATIONS

---

- Winner of Best Frontend Developer DSOC
- Winner of IIT Delhi Codefreshers
- Winner of IIT Delhi Hackathon for best Discord Bot
- Codeforce max rating: 1642(mysteriocoder)
- Codechef max rating: 1721(mysteriocoder)
- Course:Machine Learning A-Z™: AI, Python & R + ChatGPT Bonus [2023]
- Course;Modern Computer Vision™ PyTorch, Tensorflow2 Keras & OpenCV4