



# HARSH RAJ SINGH

Student

Prepared to enhance deployment and development with creative DevOps techniques and expertise in both front-end and back-end tasks. My goal will be to ensure smooth project execution and enhance efficiency. I will remain committed to continual improvement and embracing new technologies.

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## EDUCATION

### Bachelor of Engineering(CSE) Chandigarh University, Chandigarh

07/2022 - Present

8.78 CGPA

### Intermediate Manasthali Education Centre, Ballia

04/2020 - 03/2021

90.8%

Courses

- Physics
- Chemistry
- Mathematics

### Matriculation Manasthali Education Centre, Ballia

04/2018 - 03/2019

92.8%

Courses

- Mathematics
- Science

## PERSONAL PROJECTS

### Web3 Decentralised App(DApp) Development with the Internet Computer (01/2024 - 03/2024)

- Designed a Web3 decentralized financing application.
- Technology Used: HTML, CSS, Javascript for front end and Express Js for backend along with Motoko for the Internet Computer blockchain network.
- Created a decentralized banking server design with security implementation using blockchain technology.

### EVs: A Review on Past, Present, Future(Review Paper) (02/2023 - Present)

- Conducted thorough analysis of historical, current, and future trends in electric vehicle (EV) battery technology.
- Examined evolutionary developments, recent advancements, and prospective trajectories.
- Offered comprehensive insights into the past, present, and future of EV battery technology, contributing to a deeper understanding of the field's evolution.

### Evolution in EVs (Research Paper) (01/2024 - Present)

- Highlighting the necessity for a backup strategy in case of an EV breakdown.
- Introducing Mobile Electric Stations integrated onto trucks for on-the-go assistance.
- Expanding on grid technology and devising business implementation strategies.

## SKILLS

C++

C

JAVA

HTML

CSS

Tailwind

MySQL

Linux

Git

JavaScript

Bootstrap

jQuery

Node.js

Express.js

DBMS

OS

## ACHIEVEMENTS

### IEEE Xtreme 17.0 (08/2023)

Our team, RisingCoders, proudly clinched the 8th position within our university during the esteemed IEEE Xtreme 17.0 competition, a globally renowned coding event.

### Chase The Code 1.0 (04/2023)

We achieved the distinguished 4th team ranking in the Chase The Code 1.0 competition held at Chandigarh University, orchestrated by the esteemed Computer Society of India.

### Think Vision Ideathon (09/2023)

Proposed a novel phishing detection model concept during the Ideathon at Chandigarh University. Introduced innovative methods to enhance cybersecurity through advanced phishing detection techniques.

## CERTIFICATES AND BADGE

### Build an IoT Blockchain Network for a Supply Chain by IBM (02/2024)

### AWS Academy Graduate - AWS Academy Cloud Foundations (06/2023)

### Google Cloud Fundamentals: Core Infrastructure (04/2023)

### DevOps on AWS: Code, Build, and Test By Coursera (08/2023)

## LANGUAGES

Hindi

Full Professional Proficiency

English

Full Professional Proficiency

## HOBBIES

Reading books

Playing Kabaddi

Listening Music