

Preet Monga

Student

DevOps Engineering student and Full Stack Developer proficient in a diverse range of technologies. Skilled in solving complex Data Structures and Algorithms problems on platforms like LeetCode. Passionate about improving processes, collaborating with teams, and contributing to meaningful projects that drive innovation.



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EDUCATION

Bachelor of Engineering in CSE with DevOps Chandigarh University

09/2022 - Present

Mohali, India

CSE (DevOps)

• 8.92 CGPA

Intermediate

Mother India Convent School

04/2020 - 03/2021

Ratia, Haryana

Science with Mathematics

• 91.8%

Matriculation

D.A.V. Public School

04/2018 - 03/2019

Ratia, Haryana

Mathematics, Science

• 93%

PERSONAL PROJECTS

Web3 Decentralised App(DApp) Development with the Internet Computer (01/2024 - 04/2024)

- Designed a Web3 decentralized financing application.
- Technology Used:** React 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)

- Analysed different research papers on battery modules, cells, current present EVs and their technologies.
- Reviewed about the impact of various factors over battery module like temperature changes, battery placement and their structure.
- In view of these reviews, we are writing a research paper about the backup recovery of broke EV.

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

- About the need of backup plan if an EV gets stuck.
- Mobile Electric Stations embedded on truck.
- Grid technology and Business implementation plans.

INTERESTS

Gaming

Music

Fitness

Badminton

Travelling

Movies

Writer

Designing

Drawing and Art

SKILLS

C

C++

DSA

Java

HTML

CSS

Javascript

SQL

BootStrap

Tailwind

Linux

Git

GitHub

Blender

LateX

After Effects

Notion

OS

DBMS

ACHIEVEMENTS

LeetCode 50 Days Badge 2024

Achieved this badge by consistently solving DSA problems in C++ for 50 days in 2024.

Think Vision Ideathon (09/2023)

Presented a phishing detection model idea in Ideathon held at Chandigarh University.

IEEE Extreme 17.0 (08/2023)

Achieved 8th Rank in the Chandigarh University by showing our coding skills with my Team **The Rising Coders** in this esteemed global competition.

IEEE NULL VOID Coding Competition (05/2023)

Participated in NULL Void coding competition conducted by IEEE based on DSA problem solving.

Premier League Coding Ninjas - AIR 1797 (05/2023)

Secured AIR 1797 in the coding competition conducted by Coding Ninjas based on C++, Java and Python.

Chase the Code 1.0 (04/2023)

Secured 4th Rank in the university with my team as conducted by the Computer Society of India (CSI).

NASA International Science Olympiad (08/2017)

Participated in NASA International Science Olympiad in 8th class in D.A.V. Public School.

CERTIFICATES AND BADGES

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

Innovating with Data and Google Cloud (12/2023)

Introduction to Large Language Models (11/2023)

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

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

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Punjabi

Native or Bilingual Proficiency