



Pratap Aditya Singh



Kushinagar, UP, India



+917272807036



pratapadityasingh2000@gmail.com



[Linkedin](#)



[GitHub](#)

Education

Bachelor in Engineering in CSE |
Chandigarh University, Gharuan, Punjab,
India

Session:2022-2026 | CGPA: 7.32

Intermediate (NIOS) | Kendriya Vidyalaya
Gorakhpur, UP, India

Session: 2021-2022 | Percentage: 75%

Matriculation (ICSE) | Little Flower School
Gorakhpur, UP, India

Session: 2019-2020 | Percentage: 85%

Extracurricular Achievements

- Institute Ranking under 400 on Coding Ninja (2025)
- Won Bronze Medal In 10Km Marathon (2022)
- AIR: 77 In Alexa Code Conquest 2.0 (2022)

Interest

Cooking | Exercising | Painting

Language

- English (Full Professional Proficiency)
- Hindi (Native or Bilingual Proficiency)

WORK EXPERIENCE

Internship

May'24 to July'24

TagNpin Web Solutions LLP([Certificate](#))

- Displaying Statistics Data on a Dashboard
- Utilized PHP, HTML, CSS, JavaScript to construct dynamic and engaging user interface

SKILL

Frontend: HTML (Intermediate) | CSS(Intermediate) | JavaScript (Intermediate)

Tech Skills: Python| Java| C| C++| DSA| DBMS| Operating System| Cloud Computing| IoT| Blockchain| Solidity| Ethereum

Database: MySQL | SQL | NoSQL| phpmyadmin

Interpersonal Skills: Team Player | Collaboration Skills | Successful Negotiation | Decision Making | Team Building | Communication

PROJECTS

Automatic Irrigation Device

July'24

Developed an automatic water irrigation system using Arduino, a soil moisture sensor, and a hobby gear motor.

Technical Skills: Embedded systems programming, sensor integration, Arduino programming, circuit design.

Cloud- Based Home Automation System

August'24

Developed a cloud network using Arduino and RemoteXY to remotely control lights, fans, TVs, and other electronic gadgets.

CUHomes

April'23

A website developed for the students of Chandigarh University to help them to find PGs, Flats and Tiffin Services near their area and will also allow service providers to list their PGs, Flats and Tiffin Services on the website.

Tech Stack Used: HTML, CSS, JavaScript, PHP and MySQL | [Website](#)

Build a Polygon Bridge

June'24

Integrated Polygon Bridge to map the NFT collection to the Polygon network, reducing gas fees and enhancing scalability.

Tech Stack Used: Solidity| Blockchain| Polygon Bridge| Remix| DALLE2| Midjourney| Next.js| Node.js

ZK Snark Designer

July'24

Designed and implemented a zkSNARK circuit using Circom for logical operations, ensuring efficient zero-knowledge proof generation.

Tech Stack Used: Hardhat-circom| Solidity| Circom Compiler

CERTIFICATIONS

- Social Emotional Learning (SEL) by UNESCO: [Certificate](#)
- Academic Writing Skill and IPR by Linkedin: [Certificate](#)
- Sustainable Tourism by University of Copenhagen on Coursera: [Certificate](#)
- Cloud Computing by NPTEL from IIT Kharagpur: [Certificate](#)
- Introduction to Database by Meta on Coursera: [Certificate](#)
- Introduction to RDBMS by IBM on Coursera: [Certificate](#)
- Database and SQL for Data Science with Python by IBM on Coursera: [Certificate](#)
- Multi-Core Computer Architecture by NPTEL from IIT Guwahati: [Certificate](#)