Soham Raj Chopra

Bachelor of Technology
Computer Science and Engineering
Indian Institute of Information Technology, Bhagalpur

📞 +91-7879647248
🐙 GitHub Profile
🔗 LinkedIn Profile
🖥 My Portfolio

PROFESSIONAL SUMMARY

I'm Soham Raj Chopra, a 3rd year student in Computer Science and Engineering at IIIT Bhagalpur. I engage in building websites and taking part in coding contests. I work on both the Front and Back Ends of websites. For the Frontend, I use HTML, CSS, and JavaScript to make sites look good and work well on different devices. On the Backend, I use Django to handle the complex stuff that happens on servers and in databases. Besides making websites, I often join coding competitions. These contests help me get better at solving problems and writing code.

EDUCATION

•**Bachelor of Technology in Computer Science and Engineering** *2022-26*
Indian Institute of Information Technology, Bhagalpur CGPA: 7.5

•**Higher Secondary School Certificate(HSSC)** *2022*
Pioneer Convent School, Indore Percentage: 90

•**Senior Secondary School Certificate(SSC)** *2020*
Delhi Public School, Manali Percentage: 93

PERSONAL PROJECTS

•**Blogging Web App** *2024*
A Web based Blogging application made with Django Back-end Framework and utilizes Neon databases.

- Google Sign-In for user authentication and comprehensive management of account details.
- Users can perform CRUD operations on blog posts, as well as their account information.
- Neon handles data storage efficiently, supporting both user profiles and blog content effectively. It has been deployed on Render for consistent performance.
- Technology Used : JavaScript , CSS, HTML, Python, Django, Neon, Git, GitHub.

•**C++ Projects (To-Do App and Tic-Tac Game)** *2024*
Console based C++ Applications which allows User interaction and Data management.

- To-Do App is a lightweight, console-based C++ application allows users to manage tasks within a session by adding, viewing, updating, and deleting them. It operates entirely in-memory, making it perfect for temporary task management without saving data.
- Tic-tac game is a two-player C++ console based game where players alternately place X and O marks on a 3x3 grid, with dynamic updates after each move. It checks for win or draw conditions, offering an interactive and competitive gameplay experience.
- Technology Used : C++, Visual Studio, Git, GitHub.

•**Weather Applicaation** *2024*
A dynamic weather application that fetches and displays real-time weather data using API.

- It is a weather site made using Django, HTML, CSS, and JavaScript to fetch real-time data from APIs, with and interactive UI.
- It is deployed on PythonAnywhere for reliability and smooth user experience.
- Technology Used : Django , CSS, HTML, API.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Javascript, HTML+CSS
Libraries : C++ STL, Python Libraries
Development Tools: VScode, Git, Github, Visual Studio
Frameworks: Django, Django-Rest Framework
Databases: Django-ORM, Neon, Relational Database(mySql)
Relevent Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.
Areas of Interest: Web Design and Development(Frontend + Backend), Competitive Programming, Data Structure and Algorithms
Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability, Communication

ACHIEVEMENTS

•**Under 13 National Chess Player** 2 Times District and 1 Time State Level Chess Winner *2016*