Ansh Kumar

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EDUCATION

Guru Nanak Dev Engineering College Gill Park, Ludhiana
Bachelor of Information Technology (Honours) | 8.7 CGPA *2021 – 2025*

EXPERIENCE

Science of Science Intern June – July 2025
NPTEL Summer Internship | IIT Roorkee

- *Conducted large-scale bibliometric analysis of four premier Information Systems (IS) journals.*
- *Used Elsevier API to extract, process and visualize metadata from 6000+ articles using Python.*

Web Development Trainee Nov – May 2025
Ryaz.io

- *Learned the foundations of Web Development including HTML, CSS, JS & React*
- *Developed interactive and responsive web projects.*

PROJECTS

Sudoku Solver | *React, Git* July 2025
https://ansssh.github.io/sudoku-solver/

- Engineered a React-based Sudoku Solver effectively solving hard puzzles. Utilized hidden and naked singles logic. Features block/row/column highlighting for enhanced usability, showcasing robust web development.

Uber Clone | *React, Node, MongoDB, Git* April - May 2025
https://github.com/Ansssh/Uber

- Architected and deployed a full-stack Uber clone, utilizing **MERN stack** components (MongoDB, Express.js, React.js) to support 20+ users. Integrated **Socket.IO** for real-time, zero-latency communication, enhancing **dynamic** ride booking and updates.

OnlyChats | *React, Node, MongoDB, Git* Nov – Dec 2024
https://github.com/Ansssh/ChatApp/

- Developed a full-stack web app serving 20+ users using **MongoDB** for data storage, REST API for server-side operations and **React.js** as Frontend.
- Implemented real-time communication using Socket.IO, ensuring zero-latency messaging.

GNE Connect | *React, Node, Firebase, Git* July – Sept 2024
https://github.com/Abhiriat/GNE-CONNECT

- Designed and developed a web application using **React.js** for the front-end and **Firebase** for the back-end to overcome ephemeral nature of data.
- Integrated Google Authentication for secure and efficient user login reducing onboarding time by 50%.

SKILLS

Languages: Java, Python, HTML/CSS, JavaScript, SQL
Frameworks: React.js, Node.js
Developer Tools: Git, Docker, Visual Studio Code, PyCharm
Others: UI/UX, Code Optimization - Reduced API latency by 30%, Adobe Photoshop, MS office
Soft Skills: Detail Oriented, Leader, Time Efficient, Adaptable, Collaborative, Innovative, Attentive to Details, Confident, Good Communicator.

Jack of all Trades, Master of None