Ishan Bagra

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Education

Indian Institute of Information Technology, Kota　　　　　　　　　　　　　**2023-2027**
B.Tech - Computer science and engineering - CGPA-7.5　　　　　　　　　　*Kota, Rajasthan*

Skills

Programming Languages: C++, C, Python, JavaScript

Development: HTML, CSS, JavaScript, ReactJS, React Native, Tailwind CSS, GSAP, Node.js, MongoDB, Express.js

Tools and Technologies: Git, VS Code, Figma, Canva

Coursework: SQL, Relational Database Concepts

Computer Science Fundamentals: Strong in object-oriented design, data structures, algorithm development, problem-solving, and complexity analysis

Soft Skills: Teamwork, Strategic Planning, Quick Learning, Innovative Thinking

Projects

Skylink - In-Flight Communication System　　　　　　　　　　　*Skylink - In-Flight Communication System* ⬈

- Enhanced in-flight connectivity with real-time chatrooms, AI moderation, and offline P2P messaging, improving passenger engagement and information sharing.
- Tech Stack - React Native, Supabase, PyTorch ,BERT Model , Gemini API, P2P communication

Chit chat　　　　　　　　　　　　　　　　　　　　　　　　　　　　*chatapp* ⬈

- Developed a real-time chat application enabling users to communicate instantly with others in dynamic chat rooms.
- Integrated socket-based architecture to support instant message delivery and online user status updates.
- Designed a responsive and modern user interface for seamless cross-device experience.
- **Technologies Used:** React, Tailwind CSS, Node.js, Express.js, MongoDB, Socket.IO

Portfolio Generator　　　　　　　　　　　　　　　　　　　　　*portfolio generator* ⬈

- This project is a full-stack web application that allows users to generate a professional portfolio by simply entering their details. It includes an advanced login system that supports both email and phone-based OTP authentication, ensuring secure and flexible user access. The project is designed to be user-friendly, responsive, and works smoothly on both desktop and mobile devices.
- **Technologies Used:** express js , node js , react , tailwindcss , for database -monngo db

Achievements

- Secured a Top 10 spot among 10,000+ participants at Innerve 9.0, a 24-hour hackathon by Army Institute of Technology (AIT) Pune!
- 1st place winner in Sponsored Problem Statement 2 by udChalo at Innerve 9.0.
- Awarded the *100 Days Badge* on *LeetCode* ⬈, showcasing dedication and perseverance in enhancing my algorithmic problem-solving skills.
- Consistently engaged in competitive programming with a *2-star rating* (max rating-1490) on *CodeChef* ⬈, and ranked in the *top 38.23%* on *LeetCode* ⬈ (max rating: 1525).