

AJAY JOSHI

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EDUCATION

- **B.Tech in Computer Science & Engineering(AI and ML)** 2021 – 2025 (Expected)
Govind Ballabh Pant Institute of Engineering and Technology, Pauri Garhwal, Uttarakhand CGPA - 8.0/10.0
- **Senior Secondary Examination UK Board - Class XII** 2020
Government Inter College, Bhikiyasain, Uttarakhand percentage – 82.4%
- **Higher Secondary Examination UK Board - Class X** 2018
Government Inter College, Bhikiyasain, Uttarakhand percentage – 89.4%

TECHNICAL SKILLS

- Programming language :- C | C++ | Python | JavaScript
- Web technologies :- HTML | CSS | React
- Database Management :- MySQL
- Miscellaneous :- Node.js | Express.js | MERN stack | Socket.io | WebRTC

COURSEWORK

- Data Structure and Algorithm ● Design and Analysis of Algorithm ● Operating system
- Database Management system ● Computer Networks ● Machine learning (ML)

PROJECTS

Video Calling Application [Check](#)

- Designed video call app with private/public rooms, interview section, and integrated **online IDE**.
- Designed and implemented the serverless architecture for video call.
- Overcame technical challenges related to media stream management and **real-time communication**, ensuring a stable and reliable user experience.
- Proficiently managed seamless pairing of multiple users in **WebRTC**, optimizing peer-to-peer connections for enhanced communication in a technically demanding environment.
- Technology Used – **React, Express.js, WebRtc, Socket.io, Node.js**.
- **GitHub** - <http://www.github.com/aj9045j/SeeSay>

Contest Remainder

- Fetching data from kontest-api to find contest happening on different coding platform.
- Implement filters and sorting options so users can easily find contests based on different parameters like date, programming language, duration, etc.
- Optimized the UI for intuitive contest discovery, showcasing front-end skills and **API** integration expertise.
- **Technologies used** - **HTML, CSS, JavaScript, kontest-API**.
- **GitHub** - <http://www.github.com/aj9045j/contest-page>

CODING PROFILES

- Codeforces - [Link](#)
- Codechef - [Link](#)
- Leetcode - [Link](#)

ACHIEVEMENT

- Solved over 650+ coding questions on Data Structures and Algorithms on different platforms.
- Secured top ranks in multiple coding contests, demonstrating strong problem-solving skills and proficiency in algorithms.