Kunj Tyagi

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Education

Ajay Kumar Garg Engineering College	Expected May 2026
Bachelor of Technology (GPA: 7.63)	*Ghaziabad, Uttar Pradesh*
Parwati Prema Jagati Saraswati Vihar	Feb 2019- April 2021
Intermediate (Percentage: 95.6)	*Nainital, Uttarkhand*

Projects

WanderLust | *Node.js, Express.js, MongoDB, RESTful API, Bootstrap, AWS, HTML, CSS*   Live site here | Repository

- Designed and developed a full-stack web platform featuring dynamic user authentication, listings, and booking functionalities, including a powerful filtering and search system for efficient data retrieval.
- Built a responsive user interface using Bootstrap, integrated with a robust backend powered by Node.js, Express, and MongoDB for efficient data handling.
- Deployed the application on Render for hosting and scalable deployment, ensuring optimal performance and enhanced user experience.

Video Conferencing App | *React.js, Node.js, Express.js, WebRTC, JavaScript, HTML, CSS*   Live site here | Repository

- Developed a multi-user video conferencing platform with real-time communication using WebRTC, enabling seamless peer-to-peer connections.
- Implemented essential features such as screen sharing, chat, and client-side recording to enhance user collaboration and engagement.
- Deployed the application on Render for scalable and reliable performance, ensuring a smooth and secure video conferencing experience.

Registration-form | *NodeJs, ExpressJs, Javascript, Mongodb, HTML, CSS*   Repository

- Created a full-stack system for a student registration form to facilitate the enrollment of 2nd-year students in the technical society of our college.
- Utilized MongoDB for secure data storage and Bootstrap to design a responsive front end for managing student registration details.
- Built RESTful APIs to handle form submissions with validation, error handling, and seamless frontend integration.

Experience

MLCoE-Machine Learning Center of Excellence	July 2024- Present
Full-Stack Developer	*Ghaziabad, Uttar Pradesh*

- Constructed a scalable MLCoE registration form using HTML, Bootstrap, Node.js, Express, and MongoDB, with secure data storage and input validation. Implemented strong security measures for the application.
- Organized and hosted The Turing Test recruitment event, attracting 150 participants. Conducted interviews for top performers, selecting 20% for a probationary period.
- Collaborating as a backend developer in a 25-member team to maintain technical projects, contributing to 40% of overall project development and ensuring seamless operation of key systems.

Extra-Curriculum Activities

- Organized the React-o-Clock event on @next_gen_devs, a 30-day Instagram learning series on React, enhancing community engagement.
- Secured 11th position out of 500+ participants in the coding contest `CIN>>PC` at AKGEC, Ghaziabad.
- Achieved certification in Basic Problem Solving through HackerRank.
- Attained a highest CodeChef rating of 1476.

Technical Skills

Languages: C++, Javascript, Typescript, Python, C, HTML, CSS
Framework/Technologies: React.js, Node.js, Express.js, Mongodb, SQL, Bootstrap, Tailwind, Material-UI
Tools: Postman, Hoppscotch, Git, GitHub, AWS, Render, Vercel, VS-Code