

ASHUTOSH BANSAL

Agra , Uttar Pradesh

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🌐 [Linkedin](#)

🐙 [Github](#)

[Portfolio](#)

EDUCATION

Hindustan College of science and technology

B.Tech - Computer Science and Engineering - **CGPA - 8.1**

2022 – 2026

Mathura, Uttar Pradesh

Sraswati Vidya Mandir

Senior Secondary , CBSE - **86%**

2021 – 2022

Agra, Uttar Pradesh

Sraswati Vidya Mandir

Secondary School , CBSE - **92%**

2019 – 2020

Agra, Uttar Pradesh

PROJECTS

Talk-a-Tive 📄 | [React.js](#), [Node.js](#), [Express.js](#), [MongoDB](#), [Socket.io](#)

[Github](#) 📄

- Built "Talk-a-Tive", a real-time chat app using the MERN stack and Socket.IO, supporting over 500+ concurrent users with instant messaging and live status indicators.
- Engineered JWT-based authentication and modular RESTful APIs, reducing response time by 30% and enabling secure user management across 3+ chat modules.
- Implemented 1:1 and group chat features, achieving 99.9% uptime during testing and boosting message delivery speed by 40% using efficient WebSocket integration.

Wanderlust 📄 | [Node.js](#), [Express.js](#), [MongoDB](#), [SQL](#), [EJS](#), [Bootstrap](#)

[Github](#) 📄

- Developed a scalable full-stack hotel booking application using Node.js, Express, and MongoDB with RESTful APIs for hotel listings, bookings, user authentication, and reviews.
- Implemented MongoDB indexing and caching strategies to optimize database query performance and application scalability.
- Applied robust client-side and server-side validation using Joi and custom logic to ensure security and data integrity.

PostNow 📄 | [JavaScript](#) , [Figma](#) , [Html/CSS](#)

[Github](#)

- Designed and developed a responsive blog web app using HTML, CSS, and JavaScript with a clean layout and intuitive navigation.
- Ensured cross-device compatibility using media queries and Flexbox/Grid for smooth performance on all screen sizes.
- Built a modern, visually appealing UI with hover effects and consistent typography to boost user engagement.

TECHNICAL SKILLS

Languages: Java, C, JavaScript, SQL, Python

Technologies/Frameworks: HTML5, CSS3, React.js, Node.js, Express.js, Tailwind

Database: MongoDB, MySQL

Developer Tools: Git/Github, Render, Mongo Atlas, VS Code

CERTIFICATIONS & ACHIEVEMENTS

- Certified in JavaScript Web Development by **Infosys Springboard**
- Certified in HTML and CSS by **Infosys Springboard**
- Full Stack Web Developer Advance - RCPL
- **Hackathon Finalist** – Secured 1st place in intra-college hackathon and selected for Smart India Hackathon (SIH), showcasing strong problem-solving and teamwork.
- **Problem Solving** – Solved over 300+ Data Structures and Algorithms questions on LeetCode and GeeksforGeeks.