

TUSHAR BANSAL

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EDUCATION

- 🎓 Dr A.P.J Abdul Kalam Technical University, Uttar Pradesh, India — *Bachelor of Technology in Computer Science* 2022-2026
- 🎓 Sunrise Public School (CBSE), Uttar Pradesh, India — *Senior Secondary (Class 12), Science Stream* SCORE: 90.0% (2022)
- 🎓 Sunrise Public School (CBSE), Uttar Pradesh, India — *Secondary (Class 10)* SCORE : 82.8% (2020)

TECHNICAL SKILLS




- **Languages:** HTML, CSS, JavaScript, C/C++ , Python, Java, SQL etc.
- **Frameworks:** Tailwind CSS, Bootstrap, Node.js, Express.js, React.js, Next.js etc.
- **Databases:** MongoDB, MySQL, etc.
- **Libraries & Tools:** React Icons, Redux, Axios, Mongoose, JWT etc.
- **Development Tools:** Visual Studio Code, Git & GitHub, Postman, Chrome DevTools, Copilot, Cursor, claude.ai etc.

Experience

- **AKGEC – Dynamic Typing Webapp** *MERN Developer & Team Leader*
November 2024
Implemented real-time communication using **Socket.IO** and the **MERN stack (MongoDB, Express.js, React.js, Node.js)**; developed **RESTful APIs** and custom middleware for seamless integration of front-end and back-end. Optimized UI/UX using **Tailwind CSS** and enhanced **performance, error handling, and session management** for scalable deployment.
- **AKGEC – Hotel Management Website** *Backend Developer & Team Leader*
January 2023
Spearheaded development of a scalable **hotel management system** with features like **online booking, department tracking, and real-time updates**. Integrated **authentication, session management**, and implemented **asynchronous logic** using **callbacks, promises, and async/await**. Designed a robust architecture with **event-driven programming** and strong **data validation**.
- **Chegg – Problem Solver and Reviewer** *Computer Science Expert*
October 2023
Solved over **200+ problems** in **algorithms, data structures, databases, and software engineering** using **Java, C++ , and Python**. Delivered clear, step-by-step technical solutions to improve student understanding and application of core concepts.

[hyperref](#)

Personal Projects

- **E-commerce Platform – GrabEats**  [GitHub Repo](#)
Built a **real-time food ordering system** with **OTP authentication, user validation, and multiple image support**; implemented **RESTful APIs**, responsive UI/UX, and ensured **cross-device compatibility**.
- **Tushar Automobiles – Auto Parts E-commerce Website**  [GitHub Repo](#)
Developed a commercial **automobile parts web platform** using **Next.js** and **Prisma**, featuring **dynamic product filtering, server-side rendering, and a mobile-first responsive layout** for seamless user experience.
- **Task Manager Web App**  [GitHub Repo](#)
Designed a **full-stack task management system** with **CRUD operations, user authentication, priority tagging, and status tracking**; implemented with **MongoDB, Express.js, React, and Node.js**.

ACHIEVEMENTS AND ACTIVITIES

- Solved **200+ coding problems** across platforms like **LeetCode**
- Earned **50 Days** and **100 Days** challenge badges in 2024 and 2025.
- **Top Performer Certificate** as **Section Topper** (PUT , STs) in core subjects.
- Achieved **Infosys Web Development Certification** through structured, project-based learning.
- Serving as a **DSA Mentor**, guiding peers in **problem-solving**.