

SHIVAM YADAV

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Jhansi, Uttar-Pradesh , India

SUMMARY

Dynamic full-stack developer with proven expertise in architecting scalable applications and delivering innovative solutions. Adept at translating complex business requirements into high-performance software using modern technologies.




EDUCATION

Bachelor of Technology - Computer Science and Engineering - Bundelkhand Institute of Engineering & Technology, Jhansi - CGPA: 8.36/10	2022-2026
Senior Secondary (Class XII) - Central Public School, Azamgarh - Percentage: 93.8%	2020-2021
Secondary (Class X) - Central Public School, Azamgarh - Percentage: 91.6%	2018-2019

EXPERIENCES

- **Banaras Locomotive Works** June 2024 - July 2024
Internship Varanasi, India
 - Acquired practical knowledge of software integration and locomotive automation systems, with exposure to industrial-grade embedded platforms and control mechanisms.
 - Observed real-world application of embedded systems and software testing.

PROJECTS

- **Real-Time Tracking System :** August 2024
Tech Stack: [Socket.IO, Node.js, Leaflet.js]  [Live]
 - Built a real-time location tracking system using Socket.IO and WebSockets, achieving seamless live data synchronization between server and connected clients.
 - Integrated leaflet maps for visualizing device locations with real-time updates on the map.
- **Assign Board :** January 2025
Tech Stacks: [Node.js, Express.js, MySQL, EJS, React.js]  [Live]
 - Developed a Web-Based Employee Management System using Node.js, Express.js, My-SQL, and EJS for efficient employee data handling.
 - Accomplished secure authentication, CRUD operations, and role-based access control to manage employees and payroll records.
- **Code-Helper AI :** July 2025
Tech Stacks: [React, TailwindCss, Node.js, Express] 
 - Detects programming language from user code and provides full, runnable solutions with clear explanations, output, and tips to avoid common errors.
 - Reviews syntax, logic, runtime, and performance issues, offering structured feedback in a friendly, encouraging manner.
 - Built a multi-language AI code assistant using Node.js and serverless functions, integrated with Google Gemini API, to provide full runnable solutions, detect errors, and guide developers interactively.

ACHIEVEMENTS

- Tackle 900+ Data Structures and Algorithms problems across various platforms.
- Leetcode: 1545 (top 36.32%) [[Leetcode](#)] | | Codechef : 2 star [[Codechef](#)] | | HackerRank: 4 star [[HackerRank](#)]
- Led a 6-member team that qualified for the Smart India Hackathon at the institutional level, driving project planning, prototyping, and collaborative problem-tackling under time constraints.
- Coordinated technical and cultural events for 2 years as part of COSSCO (Student Council), mentoring junior members, and developing leadership, team building, and public speaking skills.

SKILLS

- **Programming Languages:** C, C++,C#, Java, HTML, CSS, SQL, JavaScript
- **Database:** MongoDB, MySQL
- **Libraries and Frameworks:** React.js, Node.js, Express.js, Mongoose, EJS, Veue.js Tailwind CSS
- **Technical Skills:** Data Structure and Algorithms, Competitive Programming, OOPs, CN, DBMS, OS ,REST APIs