SHIVAM YADAV

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Jhansi, Uttar-Pradesh , India

OBJECTIVE

Aspiring Software Developer with strong analytical skills and experience in real-time applications and full-stack development. Interested in contributing to innovative and scalable software solutions in a growth-driven tech environment.

EDUCATION

- **Bundelkhand Institute of Engineering and Technology** *November 2022 - June 2026*
  Bachelor of Technology(CSE) Jhansi, India
  ◦ CGPA(Current): 8.66/10

- **Central Public School** *July 2021*
  Intermediate Azamgarh, India
  ◦ Grade: 93.8%

- **Central Public School** *July 2019*
  High School Azamgarh, India
  ◦ Grade: 91.6%

EXPERIENCE

- **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] [⚙]
  ◦ 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.
  ◦ Constructed the system to handle user connections, disconnections, and dynamic marker updates on the map.

- **Employee-Management System:** *January 2025*
  Tech Stacks: [Node.js,Express.js,MySQL,EJS,React.js] [⚙]
  ◦ 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.
  ◦ Optimized database queries for faster retrieval and updates, ensuring a scalable and responsive system for real-time employee tracking.

- **ClimateCast :** *March 2025*
  Tech Stacks: [Vite,OpenWeather APIs,TailwindCss] [⚙]
  ◦ Formulated a responsive weather forecasting web app using React and Open Weather-Map API to fetch and display 5-day weather data for user-specified cities.
  ◦ Implemented real-time data handling with interactive UI updates, conditional rendering, and error management for a seamless user experience.
  ◦ Used modern front-end technologies like Vite, Tailwind CSS, and React hooks [useState] to manage state and enhance performance and interactivity.

ACHIEVEMENTS

- Solved over 600+ Data Structures and Algorithms problems across various platforms.
- Leetcode: 1523 (max) [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++, Java, HTML, CSS, SQL, Javascript
- **Database :** MongoDB, MySQL
- **Libraries and Frameworks:** React.js, Node.js, Express.js, Mongoose, EJS, Tailwind CSS
- **Technical Skills:** Data Structure and Algorithms, Competitive Programming, OOPs, CN, DBMS, OS ,REST APIs