Vipin Maurya

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🏠 Gorakhpur, Uttar Pradesh - 273408, India

OBJECTIVE

Entry-level Software Engineer skilled in C++ and full-stack development with React, Node.js, and MongoDB. Eager to collaborate, deliver reliable solutions, and grow in a dynamic team environment.

EDUCATION

- **Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur** *Aug 2021- June 2025*
  B.Tech in Information Technology
  ○ CGPA: 7.41/10

- **V.S.A.V Inter College Gola, Gorakhpur** *May 2021*
  Senior Secondary (XII)
  ○ Grade: 70%

- **V.S.A.V Inter College Gola, Gorakhpur** *May 2019*
  Secondary Education (X)
  ○ Grade: 82%

PROJECTS

- **EchoTalk: Language exchange platform with chat and video features** [🔗]
  Tools: React.js, Node.js, Express, MongoDB, Tailwind CSS, Stream API, TanStack Query, JWT
  ○ Developed a full-stack **language learning platform** for global users to connect via chat and video interactions.
  ○ Implemented **JWT-based authentication** and role-based protected routes for a secure user experience.
  ○ Created a scalable **chat and video communication system** using **Stream API**, ensuring high-quality, real-time interaction.
  ○ Applied **Zustand** and **TanStack Query** to optimize state and data flow, powering **32 dynamic UI themes** for personalization.

- **E-Commerce Store : Online Shopping Platform** [🔗]
  Tools: React.js, Redux, Tailwind CSS, Node.js, Express.js, MongoDB, JWT
  ○ Developed a full-stack **e-commerce web app** with features like product browsing, cart, and order management.
  ○ Implemented **Redux** for state handling and **optimized MongoDB** for efficient data access and scalability.
  ○ Built a secure **JWT-based authentication system** with **role-based access control** for users/admins.
  ○ Simulated **real-time product updates** using **state synchronization and database-triggered refreshes**, enhancing UX.

SKILLS

- **Programming Languages:** C, C++, JavaScript
- **Frontend:** React.js, Redux, Tailwind CSS, Bootstrap, HTML, CSS
- **Backend:** Node.js, Express.js, RESTful API Development
- **Database Systems:** MongoDB, SQL (MySQL)
- **Tools & Platforms:** Git, GitHub, Visual Studio Code, Postman, npm
- **Other:** JWT Authentication, Responsive Design, MVC Architecture

CERTIFICATIONS

- **Full Stack Web Development using Node.js, Coding Blocks**
- **Data Structures and Algorithms Using C++, Coding Blocks**

ACHIEVEMENTS

- Solved 500+ problems on LeetCode focused on data structures and algorithms.
- 5-star rating Problem Solving on HackerRank. **(Link)**
- Earned 5 certifications on HackerRank across domains like Problem Solving, JavaScript, SQL, and more.