

MAHENDRA PRATAP VERMA

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Education

Harcourt Butler Technical University

Bachelor of Technology in Computer Science and Engineering

Nov 2022 - June 2026

9.201 CGPA

Work Experience

Frontend Web Developer Intern

July 2024 - Sept 2024

Grovyo Platforms (Remote)

[Certificate Link](#)

- **Developed** dynamic, responsive web pages using **Next.js**, resulting in a **40%** improvement in page load speed and a **30%** increase in user engagement .
- **Improved** user experience by implementing cross-browser compatibility and mobile responsiveness.
- **Integrated** RESTful APIs and backend logic using **Express.js**. **Collaborated** to optimize performance and scalability.

Projects

Localmart | [GitHub](#) | [Website](#)

Feb 2025 - Mar 2025

- Built a real-time e-commerce platform using **Socket.IO** for live order updates and inventory management.
- Led full-stack development with a two-person team, implementing **Redux Toolkit** for state management and **JWT-based authentication** for secure sessions.
- Developed and Optimized **RESTful APIs** and database queries, reducing latency by **30%** and adding **geo-location filtering** for personalized shop visibility.
- Implemented **rate limiting**, cookie sessions, and geo-filtering, improving **API reliability** and reducing errors by **50%**.
- **Tech Stack:** ReactJs, Redux Toolkit, Tailwind CSS, Express.js, MongoDB, Socket.IO, JWT, Multer, Cloudinary, MERN.

Rojgaar | [GitHub](#) | [Website](#)

Sept 2024 - Oct 2024

- Built a full-stack **MERN job portal** with admin job postings and user-side bookmarking, saving, and redirection, supporting **100+** weekly interactions.
- Developed reusable **React.js components** and used **Redux Toolkit** for managing auth and job state globally.
- Secured user sessions using **JWT authentication**, **bcrypt**, and middleware-based route protection in **Express.js**.
- Designed **RESTful APIs** and connected them to **MongoDB** with Mongoose for listings, bookmarks, and user flows.
- **Tech Stack:** ReactJs, Redux Toolkit, Tailwind CSS, Express.js, MongoDB, JWT, bcrypt, RESTful APIs

Technical Skills

Languages: C, C++, HTML/CSS, JavaScript.

Technologies/Frameworks: ReactJs, Next.js, Tailwind CSS, Express.js, Node.js, MongoDB, Socket.IO

Developer Tools: VS Code, Firebase, GitHub, Git, Cloudinary.

Core Courses: Computer Networks, Operating Systems, Database Management System, Object-Oriented Programming.

Achievements

- **LeetCode:** Ranked among the **Top 2.06% (Knight)**, Highest Rating: **2049**.
- **Codeforces:** **Specialist**, Highest Rating: **1456**.
- **CodeChef:** **4-Star**, Highest Rating: **1848**.
- Solved **1500+** problems across LeetCode, Codeforces, CodeChef, and other platforms
- Secured a global rank of **362** in leetcode **weekly contest 443** out of **26,392** participants.
- Secured a global rank of **17** in CodeChef **Starters 183** (Division 2).