

# VIBHA YADAV

Gorakhpur, Uttar Pradesh

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## Professional Summary

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Software engineering student focused on Full Stack Development and problem-solving. Built MERN-based projects and solved 500+ DSA problems across several coding platforms.

## Education

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**National Institute of Technology Hamirpur**

2024 – 2028

Bachelor of Technology in Mechanical Engineering

CGPA: 7.94

**Senior Secondary Education (Class XII)**

Percentage: 88%

**Secondary Education (Class X)**

Percentage: 88%

## Technical Skills

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**Languages:** C++, Python, JavaScript, HTML, CSS

**Frameworks & Technologies:** React.js, Node.js, Express.js, MongoDB, MERN Stack

**Developer Tools:** Git, GitHub, GitLab, Postman, Vercel, Railway, Netlify, Canva

**Core Concepts:** Data Structures and Algorithms, OOPs, REST APIs, Backend Development, Database Management

## Projects

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**QuickLink — MERN Stack, JWT, REST API**

[GitHub](#) | [Live](#)

- Built a full-stack URL shortener with custom short link generation, JWT-based authentication, and protected routes.
- Implemented an analytics dashboard to track total clicks and monitor link performance per user.
- Integrated QR code generation for every shortened URL, enabling quick sharing across devices.
- Deployed frontend on Vercel and backend on Render with MongoDB Atlas as the cloud database.

**Attendify — React, Vite, Node.js, MongoDB**

[GitHub](#) | [Live](#)

- Developed a full-stack student attendance management system with subject-wise tracking and real-time dashboards.
- Built responsive UI using React (Vite) with visual attendance summaries and percentage calculations per subject.
- Implemented efficient CRUD operations via REST APIs backed by Node.js, Express.js, and MongoDB.

**HillConnect — MERN Stack, PWA**

[GitHub](#)

- Built a full-stack platform to connect users in remote hilly regions for sharing rides, tools, accommodation, and local resources.
- Developed a responsive frontend using React.js and scalable backend APIs using Node.js and Express.js.
- Designed and integrated MongoDB database and optimized the application as a Progressive Web App (PWA) for improved accessibility and performance.

## Achievements

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- Solved 500+ Data Structures and Algorithms problems across LeetCode, GeeksforGeeks, and Codeforces, demonstrating strong problem-solving consistency.
- Achieved a LeetCode rating of 1600+, reflecting competitive programming proficiency.
- Actively participated in multiple hackathons including Hack 5.0, Electrothon 8.0, Rekathon, and Hack on Hills 6.0, gaining hands-on team development experience.