# Vinay Kumar

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## Professional Summary

Passionate full-stack web developer with hands-on experience in building scalable web applications using MERN stack and Next.js. Strong foundation in both front-end and back-end technologies with an additional focus on cybersecurity tools and practices. Seeking opportunities to contribute to impactful projects and deliver secure, high-performance applications.

## Education

**B.Tech, Computer Science & Engineering**

Maharshi Dayanand University | 2022 – 2026

- Relevant Coursework: Web Development, Data Structures, Networking
- Activities: Hackathon team lead, Cybersecurity workshops

## Work Experience

**Front-End Developer Intern – IBM Internshala (Remote)**

Jun 2024 – Jul 2024

- Developed a responsive No-Poverty awareness website using HTML, CSS, and JavaScript
- Collaborated in a virtual team to deliver accessible UI solutions

**Front-End Developer Intern – Codesoft (Remote)**

Jun 2024 – Jul 2024

- Built multiple responsive web pages using HTML, CSS, and JavaScript
- Applied modern UI/UX principles for better performance and usability

## Projects

### Bitnotes
- A full-stack notes and to-do app with voice recording capability
- Tech Stack: Next.js, MongoDB, Node.js, Express

- - Secure authentication and real-time features
- - [Live Link](https://bitnotes-iota.vercel.app)

### Chat-App
- Real-time group chat platform with multiple channels
- Tech Stack: Node.js, WebSocket, Express
- - [Live Link](https://chat-app-seven-red.vercel.app/)

### PDF Merger
- Tool to merge PDFs up to 300MB
- Tech Stack: Node.js, Express
- - [Live Link](https://pdf-merger-mauve.vercel.app/)

### Password Manager
- Stores user credentials securely in MongoDB
- Tech Stack: MERN Stack
- - [GitHub](https://github.com/VinayKumar1510/PassOP)

### Cybersecurity Tools
- Port scanner (like Nmap), keylogger, and brute force tools using Python

### Blogging Website
- Blog platform using Next.js and Pieces for Developers
- - [Live Link](https://vinay-blogs.vercel.app/)

## Technical Skills
- Languages: JavaScript, HTML5, CSS3, Python
- Frameworks & Libraries: React, Next.js, Node.js, Express
- Databases & Tools: MongoDB, Git, Vercel, GitHub, Postman
- Others: Cybersecurity Tools, REST APIs, Responsive Design

## Certifications
**Ethical Hacking – Indian Cyber Club (Aug 2024)**

- Hands-on exposure to security tools and defense mechanisms against online threats

## Extracurricular Activities
- Led a team of 6 developers in a 48-hour hackathon
- Runner-up in Interstate Baseball Championship
- Mentored peers and led 5-member teams during internships