Dhruv Kumar

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[Gmail](#) || [GitHub](#) || [LinkedIn](#)

Education

VIT Bhopal University   **March 2025**

Bachelor of Technology in Computer Science and Engineering (CGPA: 7.58)

DAV Public School- 12th Standard   **May 2021**

CBSE (84.4%)   *Gaya, Bihar*

Technical Skills

Full-Stack Web Development: HTML, Tailwind CSS, React.js, Next.js, Node.js, Express.js, MongoDB, MySQL, REST API, Web Socket, Firebase

Real-Time Communication: WebRTC, STUN/TURN, Web Socket

Cybersecurity & Networking: IAM, Network Security, Data Encryption

Data Structures & Algorithms: 350+ Leet Code Questions, Algorithm Optimization, Problem-Solving

Tools & Platforms: Git, Docker, Postman, AWS (EC2, S3, Lambda), Firebase, VS Code

Projects

Medical Website

| HTML, Tailwind CSS, React.js, MongoDB, Express.js, Node.js, REST API

• Designed and developed a secure platform enabling doctors to instantly access patient medical records.

• Implemented JWT-based authentication for enhanced security and data protection.

• Integrated an encrypted payment system to ensure secure transactions.

P2P WebRTC Communication System

| HTML, Tailwind CSS, React.js, Node.js, Express.js, MongoDB, WebRTC, Web Sockets, STUN/TURN

• Built a real-time peer-to-peer communication system enabling seamless audio, video, and data transfer.

• Developed a signals mechanism using Web Sockets for efficient connection establishment.

• Optimized NAT traversal with STUN/TURN servers to ensure reliable connectivity.

Certification

CBIT Hacktoberfest Hackathon 2024

Achieved Top 10 ranking and received Standout Appreciation for project excellence.

Tata Cybersecurity Job Simulation (Forage)

Completed a comprehensive simulation on Identity and Access Management (IAM), producing technical documentation and presentations.

Tata Data Visualization Job Simulation (Forage)

Designed impactful data visualizations and delivered client-focused insights to support effective decision-making.