

# SUMIT RAJ TIWARI

Bhopal, Madhya Pradesh

 +91-9098434110

 Gmail

 LinkedIn

 Github

 Codeforces

 LeetCode

 GeeksforGeeks

## EDUCATION

### Vellore Institute of Technology

Integrated MTech, Computer Science and Engineering

**CGPA: 9.29/10**

Expected May 2027

Bhopal, Madhya Pradesh

### Government Higher Secondary School, Shahdol

12<sup>th</sup> Standard    **Percentage: 94.20**

May 2022

Shahdol, Madhya Pradesh

### Government Higher Secondary School, Shahdol

10<sup>th</sup> Standard    **Percentage: 95.25**

May 2020

Shahdol, Madhya Pradesh

## TECHNICAL SKILLS

**Programming Languages:** Java, SQL, Python, JavaScript, HTML, CSS

**Frameworks & Libraries:** React.js, Node.js, Express.js, Git

**Cloud & Databases:** AWS, MongoDB, MySQL

**Coursework:** Data Structure & Algorithms (DSA), Operating System (OS), Computer Network (CN), DBMS

## PROJECTS

### CoreHR — Workforce Management Platform | MERN Stack

December 2025

- Engineered a production-ready workforce management platform with JWT-based authentication and role-based access control, supporting 100+ users.
- Developed 15+ RESTful APIs using Express.js with modular architecture, improving backend scalability and maintainability.
- Implemented real-time global state management using React Context API, reducing UI state inconsistencies by 30%.
- Deployed on Vercel & Render with optimized CORS, routing, and session handling, improving response time by 25%.

### PublishPro — Content Management Platform | Full-Stack

March 2025

- Engineered a scalable full-stack content management platform using React.js and Appwrite with secure authentication, supporting 50+ active users.
- Integrated rich-text editing and media uploads, enabling creation of 200+ dynamic posts with responsive Tailwind CSS UI.
- Implemented Redux Toolkit state management and React Router for optimized rendering, reducing page load time by 30%.
- Designed modular frontend architecture, improving code reusability and maintainability across components.

### CloudVault — Encrypted File Storage System | Backend, Cloud Storage

May 2025

- Engineered a secure cloud file storage system using Node.js, Express, MongoDB, and JWT authentication, handling 100+ file transactions.
- Integrated Multer and Cloudinary for optimized file uploads and retrieval, reducing processing latency by 25%.

## EXPERIENCE & ACHIEVEMENTS

- STARS Scholarship: Awarded a 100% Scholarship by VIT Bhopal University.
- Amazon Summer School 2025: Selected to attend Amazon's elite summer program.
- National Policy Challenge (DSCI): Reached final round for national-level data security competition.
- Scholarship for Higher Education (INSPIRE SHE): Ranked in the top 1% of Class XII examinations.
- Bit By Bit Club (VIT Bhopal): Organized 5+ Hackathons and coding competitions at VIT Bhopal.

## CERTIFICATIONS

- The Bits and Bytes of Computer Networking — Coursera
- Project Based Learning — Postman