

# Sumit Raj Tiwari

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## EDUCATION

### VIT Bhopal University

Integrated MTech, Computer Science and Engineering

Cumulative GPA: 9.22/10

#### 12<sup>th</sup> Standard

Government Higher Secondary School Shahdol

Percentage: 94.20

#### 10<sup>th</sup> Standard

Government Higher Secondary School Shahdol

Percentage: 95.25

Bhopal, Madhya Pradesh

Expected May 2026

Shahdol, Madhya Pradesh

May 2022

Shahdol, Madhya Pradesh

May 2020

## TECHNICAL SKILLS

**Programming Languages:** Java, Python

**Development:** HTML, CSS, JavaScript, NodeJS, React, Express JS, Tailwind CSS, MongoDB

**Tools and Technologies:** Git, GitHub, SQL

**CS Fundamentals:** Data Structures and Algorithms, Object-Oriented Programming (OOP) in Java, Database Management Systems, Computer Networks

## PROJECTS

### BlogSphere Platform – Full Stack App

Mar 2025 – Apr 2025

- Developed a full-stack blogging platform using **React.js** and **Appwrite**, enabling secure user authentication and scalable blog creation.
- Integrated **Tiny Cloud Rich Text Editor** and image uploads, enhancing content creation with a responsive **Tailwind CSS**.
- Optimized state management with **Redux Toolkit** and **React Router DOM**, ensuring seamless navigation and performance.
- Link: [github.com/Sumitraj05/Mega-Blog-Project](https://github.com/Sumitraj05/Mega-Blog-Project)

### VITKart Marketplace – MERN App

Dec 2024 – Jan 2025

- Built a **MERN stack** e-commerce platform with **JWT-based authentication**, enabling secure user registration, login, and purchase of second-hand and daily needs products.
- Developed a **Node.js** admin panel and responsive **React.js** UI, streamlining product listings and user management for efficient platform operations.
- Link: [github.com/Sumitraj05/Vit-Kart-MERN\\_STACK-Project](https://github.com/Sumitraj05/Vit-Kart-MERN_STACK-Project)

### Voting System – Backend App

Nov 2024 – Nov 2024

- Engineered a robust backend for a voting app using **Node.js**, **Express.js**, and **MongoDB**, implementing secure **JWT** and Aadhaar-based user authentication.
- Developed voter management and admin functionalities for candidate operations, deployed on **Render** with **MongoDB Atlas** for scalable data storage.
- Link: [github.com/Sumitraj05/Voting\\_App\\_Backend](https://github.com/Sumitraj05/Voting_App_Backend)

## ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

- STARS Scholarship:** Awarded a 100% fee waiver by VIT Bhopal University.
- GeeksforGeeks:** University Rank - 174. [www.geeksforgeeks.org/user/sumitrajg5ns/](https://www.geeksforgeeks.org/user/sumitrajg5ns/)
- LeetCode Contest Rating:** 1631. [leetcode.com/u/Sumitraj05/](https://leetcode.com/u/Sumitraj05/)
- CodeForces:** Contest Rating – 936. [codeforces.com/profile/Sumit\\_raj\\_05](https://codeforces.com/profile/Sumit_raj_05)
- Coding Blocks Club:** Organized 5+ coding events, quizzes, and hackathons as a Core Member.
- Scholarship for Higher Education (INSPIRE SHE):** Awarded by the Department of Science and Technology, Govt. of India, for ranking in the top 1% of Class XII examinations.

## CERTIFICATIONS

- The Bits and Bytes of Computer Networking** - [coursera.org/share/bdcad16e6ca5a3bf186e7c68d010f520](https://coursera.org/share/bdcad16e6ca5a3bf186e7c68d010f520)