

SUMIT SINGH

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EDUCATION

- **B.E IN COMPUTER ENGINEERING** - Lokmanya Tilak College of Engineering - Current
- **12th BOARDS** - Ramniranjan Jhunjhunwala College Of Arts. Science & Commerce - June 2022

INTERNSHIP

Frontend Development (Virtual Internship) | Bharat Intern

- Jan 2024 – Feb 2024

1. Developed scalable, user-friendly interfaces using React.js and Tailwind CSS.
2. Streamlined API integration for seamless data exchange and enhanced application performance.
3. Implemented efficient state management using Redux Toolkit.

PROJECTS

1. SecureScan - Website Security & Uptime Monitoring Platform [[Ongoing](#)]

- Developing a **security analysis platform** that detects phishing/malicious websites based on URL inputs.
- Monitors website uptime/downtime & if down then sends alerts via email/SMS.
- Implementing **rate limiting & logging** to enhance security and prevent API abuse.
- Implements Google OAuth for secure authentication.
- Uses Docker for seamless deployment & scalability.
- Plans to add a browser extension for quick security checks.

2. VideoTube-Backend | [Link](#)

- Architecting a video-hosting backend using Node.js, MongoDB, and JWT.
- Developed **RESTful APIs** for video upload, user interactions (likes, comments, subscriptions), and playback history tracking.
- Ensured **scalability** by implementing **pagination, caching, and efficient indexing strategies**.
- API tested using **POSTMAN**.

3. E-Commerce Platform | [Live link](#)

- Developed a full-stack platform using the MERN stack with modular architecture.
- Built a responsive user interface with React.js and Tailwind CSS, ensuring optimal user experience.
- Integrated **MongoDB** for database management, **Cloudinary** for media handling, and secure authentication mechanisms.
- Integrated **Stripe payment gateway**
- Created RESTful APIs with Node.js and Express.js for efficient backend operations.

4 .CrowdConnect Website | [Live link](#)

- Utilized **Redux Toolkit** for state management.
- Built a secure, user-friendly platform with **RazorPay payment gateways** and EmailJS OTP verification.
- Incorporated an **AI-powered chatbot** for real-time event query resolution.

TECHNOLOGIES & SOFT SKILLS

- **TECHNICAL SKILLS** : HTML5, CSS, Javascript, Tailwind CSS, Reactjs, Redux Toolkit, Node.js, ContextAPI, MySQL , Python , Express.js, Git/Github, MongoDB , Appwrite, Postman
- **SOFT SKILLS** : Communication | Problem-Solving | Time Management | Teamwork | Adaptability