SUMIT KUMAR

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Education

Techno India University, Kolkata 2022 – 2025
Bachelor of Computer Applications (BCA)

- Coursework: Data Structures, Algorithms, Database Management Systems, Operating Systems, Web Technologies.
- Active in coding practice and personal projects applying theoretical concepts to real-world applications.

DAV Co-operative Senior Secondary School, Khalari (Ranchi) 2020 – 2022
Class 12 (CBSE), Science (PCM) with specialization in Computer Science and Mathematics
Class 10 (CBSE), 2020 – Achieved strong foundation in Science and Technology

Skills

- **Languages:** JavaScript (ES6+), HTML5, CSS3
- **Libraries / Frameworks:** React.js, Next.js, Redux Toolkit, Tailwind CSS, Framer Motion, Node.js, Express.js
- **Backend & Databases:** MongoDB, Mongoose, REST APIs, PostgreSQL, MySQL
- **Tools:** Git, GitHub, VS Code, Postman, Vercel, Netlify
- **Core Competencies:** State Management, Responsive UI/UX Design, Debugging, Problem-Solving, Version Control
- **Areas of Interest:** Full-Stack Web Development, Mobile Development, Blockchain, Machine Learning

Projects

E-Commerce Platform (MERN Stack + Redux Toolkit) GitHub Live Demo

- Built a full-stack online store with product listing, cart management, user authentication, and admin panel.
- Implemented **Redux Toolkit** for global state management and smoother UI updates.
- Developed REST APIs using **Node.js & Express** with **MongoDB** and Mongoose for data handling.
- Integrated **PayPal API** for secure payment processing and deployed via **Vercel**.

Blog Application (Next.js + MongoDB + Arcjet) GitHub Live Demo

- Developed a secure blogging platform using **Next.js 15**, **MongoDB**, and **Arcjet** for rate limiting and protection.
- Implemented CRUD features (Create, Read, Update, Delete) with **Zod** validation for input safety.
- Designed a modern UI with **Tailwind CSS** and deployed on **Vercel**.

Experience

- **Full-Stack Developer – Personal Project (Sept 2025 – Oct 2025):** Built a MERN stack e-commerce platform with Redux Toolkit, focusing on responsive design and scalability.
- **Frontend Developer – Projects (June 2024 – Aug 2025):** Developed responsive UIs using React, Redux Toolkit, and Tailwind CSS.
- **Online Course Learner – Udemy / YouTube (2024 – 2025):** Completed courses on MERN Stack and full-stack web development.
- Solved 100+ JavaScript problems and practiced coding on LeetCode and CodeChef.
- Experienced in version control (Git/GitHub), API testing (Postman), and deployment (Vercel, Netlify).