

Suman Kumar

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EDUCATION

Shivalik College of Engineering

Bachelor of Technology in Computer Science and Engineering

Dehradun, Uttarakhand

Aug. 2022 – Till now

G.D College Begusarai

Intermediate(12th) - PCM

Begusarai, Bihar

2022

PROJECTS

Samadhan Portal

May 2025 – Present

React, Tailwind, MongoDB, Express.js, Node.js, Google Gemini API

- Implemented AI-powered complaint auto-routing using Google Gemini Vision API, improving routing efficiency by 50%.
- Developed a full-stack system (React.js, Node.js Express.js, MongoDB) enabling real-time data processing and scalability for 100+ users.
- Ensured role-based access control with JWT, providing secure user sessions and 99% protection from unauthorized access.
- Used bcrypt for password hashing, maintaining high security standards with 256-bit encryption.

Appointment Booking System

April 2025 – Present

React, Tailwind, Redux Toolkit

- Built a high-performance appointment booking system using Redux Toolkit for state management and localStorage for data persistence, achieving 90% efficiency in handling app state.
- Enabled real-time appointment status updates, with a 99% accuracy rate in slot availability using Redux and conflict-free slot validation.
- Designed a mobile-first responsive UI with Tailwind CSS, reducing page load time by 40% for mobile users.
- GitHub:** <https://github.com/Suman9709/AppointmentBookingSystems>

ExpressInk

Feb 2025

React, Tailwind, MongoDB, Express.js, Node.js

- Created a scalable blog platform with MERN stack, supporting 100+ daily active users with full CRUD operations for blog posts.
- Implemented JWT authentication, ensuring a 99.9% login success rate and secure access management for over 50+ users.
- Integrated Cloudinary for image handling, reducing image upload and retrieval times by 60%.
- GitHub:** <https://github.com/Suman9709/BlogApp>

TECHNICAL SKILLS

Languages: C++, JavaScript, HTML, CSS

Frameworks & Libraries: React, Redux Toolkit, Node.js, Express.js

Database: MongoDB

Tools: Git, Visual Studio Code

SOFT SKILLS

Team Collaboration: Experience working effectively in collaborative environments

Communication: Clear and concise in both written and verbal communication

Adaptability: Flexible with changing project needs and new technologies

Analytical Thinking: Proficient in identifying issues and proposing logical solutions

INTERESTS

Hobbies: Photography, Music, Badminton

Professional Interests: Frontend Development, Algorithms, Open Source Projects