ANKIT KUMAR

Full-Stack Developer

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EDUCATION

•**National Institute of Technology, Srinagar** — *2020 - 2024*
Bachelor of Technology in Information Technology — CGPA: 7.577/10

•**New Horizon School** — *2017 - 2019*
Intermediate — percentage: 86.8%

PERSONAL PROJECTS

•**Blog-Post Web Application**

Developed a scalable MERN-based full-stack blogging platform with robust user authentication and intuitive CRUD functionality.

- Implemented user authentication using cookies for session management, JWT for authorization, and bcrypt for secure password hashing.
- Enabled role-based access control, allowing users to create, edit (restricted to creators), and publicly view blog posts.
- Integrated image upload capabilities using Multer and optimized MongoDB schemas for efficient data management.
- Applied responsive design principles for seamless performance across devices.
- **Technologies Used:** Nodejs, Expressjs, ReactJs, MongoDB, JWT, Bcrypt, Multer,

•**Contact-App API**

Engineered a secure and efficient RESTful API for managing user-specific contacts, ensuring robust access control.

- Designed and implemented secure authentication and authorization workflows with JWT for controlled API access.
- Utilized bcrypt to hash and securely store passwords, maintaining user privacy.
- Built RESTful endpoints supporting CRUD operations, ensuring data isolation and integrity.
- Optimized database queries with Mongoose for enhanced performance and scalability.
- **Technologies Used:** Nodejs, Expressjs, MongoDB, JWT, bcrypt.

•**Realtime Chat App**

Developed a high-performance real-time chat application enabling seamless communication among users.

- Architected backend APIs and real-time functionality using Socket.io to support efficient multi-user conversations.
- Focused on delivering a smooth user experience with low-latency communication.
- **Technologies Used:** NodeJs, Express, Socket.io, JavaScript, CSS

EXPERIENCE

•**Web Development Internhip** — *Dec 2022 - Jan 2023*
Educonf Technoogies
- Developed dynamic web applications by integrating the Mapbox GL JS library with React.js, enabling real-time interactive map functionalities.
- Finding fastest routes and their alternatives using mapbox.
- Implemented optimized routing solutions to calculate the fastest routes and alternative paths using Mapbox APIs.
- **Technologies used:** Reactjs, Mapbox GL JS, JavaScript.

TECHNICAL SKILLS AND INTERESTS

Programming Languages: C/C++, JavaScript
Frontend Technologies: HTML, CSS, React.js, Tailwind CSS, Responsive Web Design
Backend Technologies: Node.js, Express.js, Restful API, Socket.io
Cloud/Databases: MongoDB, MySql
Security and Authentication:: JSON Web Tokens (JWT), Bcrypt
Version Control and Tools: Git, GitHub, Visual Studio Code
Soft Skills: Analytical Problem Solving, Self-Learning, Team Collaboration, Adaptability