

# Chetan Kumar

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## Professional Summary

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MERN/Blockchain Developer with 2 years of experience in developing robust web and blockchain applications. Proven expertise in designing, building, and optimizing decentralized applications (dApps) and scalable full-stack web solutions. Adept at collaborating with cross-functional teams to deliver high-quality software within deadlines. Proficient in MongoDB, Express.js, React, Node.js, Solidity, and Ethereum.

## Skills

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- **Languages:** JavaScript, Solidity, Python, C++, Java
- **Technologies:** MongoDB, Express.js, React, Node.js, Ethereum, Smart Contracts
- **Tools:** GitHub, Remix, Netlify, Vercel
- **Soft Skills:** Problem-solving, teamwork, communication, adaptability

## Professional Experience

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### Blockchain Developer Intern

Code Eater

June 2024 – Present

Remote

- Developed and deployed blockchain-based applications, including smart contracts, on Ethereum and other platforms.
- Built scalable RESTful APIs using the MERN stack for seamless integration with frontend applications.
- Re-engineered blockchain storage algorithms, leading to a 30% reduction in storage costs and a 25% improvement in transaction latency.
- Collaborated with DevOps teams to optimize CI/CD pipelines, resulting in a 40% faster release cycle and a 15% increase in deployment success rates.
- Led code reviews and mentored junior developers, ensuring adherence to best practices and code quality.

### Full Stack Web Development Intern

Coding Raja Technologies

May 2024 – June 2024

Remote

- Designed and developed dynamic web applications using the MERN stack (MongoDB, Express.js, React, Node.js).
- Built and integrated RESTful APIs to facilitate seamless communication between frontend and backend systems.
- Collaborated with product managers to define project requirements and deliver web solutions that met or exceeded client expectations.
- Implemented user authentication and authorization features to ensure secure access to web applications.
- Monitored and optimized application performance, achieving a 20% reduction in load times and improving overall user experience.

## Education

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### B.Tech - Computer Science Engineering

Guru Nanak Dev Engineering College

Aug 2022 - Present

Ludhiana, Punjab

- Relevant coursework: Blockchain Development, Web Technologies, Data Structures, Algorithms
- Activities: Member of ITian Club GNDEC

## Projects

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### Interactive Portfolio Website

React, Three.js, Tailwind CSS

- Developed an interactive portfolio website showcasing projects and skills using React for the frontend, Three.js for 3D visualizations, and Tailwind CSS for responsive and modern styling.
- Integrated dynamic 3D animations and interactive elements to enhance user engagement and provide a unique browsing experience.
- Leveraged Tailwind CSS to achieve a consistent and customizable design, resulting in improved user interaction and engagement metrics.
- **Live Link:** [Portfolio Website](#)

### E-commerce Website

React, Firebase, Tailwind CSS

- Developed a fully functional e-commerce website using React for the frontend, Firebase for backend services including authentication, database, and hosting, and Tailwind CSS for responsive and modern UI design.
- Implemented features such as product browsing, shopping cart, user authentication, and real-time order processing to enhance the shopping experience.
- Integrated Firebase Firestore for efficient data management and Firebase Authentication for secure user login and registration.
- Leveraged Tailwind CSS for a consistent, responsive design, resulting in a 30% improvement in user engagement and satisfaction.
- **Live Link:** [E-commerce Website](#)

### Voting Smart Contract

Solidity, Ethereum

- Developed a decentralized voting system using Solidity, enabling secure and transparent elections on the Ethereum blockchain.
- Implemented smart contracts that ensure tamper-proof voting, allowing only authorized participants to cast their votes.
- Designed the system to automatically tally votes and declare results, reducing the risk of human error and fraud.
- **Live Link:** [Voting Smart Contract](#)

### Token Marketplace

Solidity, Ethereum, React

- Created a decentralized token marketplace where users can buy, sell, and trade ERC-20 tokens, utilizing Solidity for smart contracts and React for the frontend.
- Integrated smart contracts to manage token transactions securely, ensuring trustless exchanges between users.
- Deployed the marketplace on the Ethereum blockchain, facilitating real-time trading and achieving high user engagement.
- **Live Link:** [Token Marketplace](#)