

Ankit Kumar

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PROFILE

Full-Stack Developer with internship experience in scalable apps and real-time systems. Strong in problem-solving (500+ DSA, CodeChef 1713), passionate about backend, cloud, and impactful user experiences.

EDUCATION

- Heritage Institute of Technology, Kolkata** 2021-2025
Btech, Computer Science and Engineering (Data Science) CGPA : 7.83

TECHNICAL SKILLS AND INTERESTS

Languages: C++, JavaScript, C, TypeScript, SQL, Python

Frameworks: React.js, Next.js, Node.js, Express.js, RESTful APIs

Libraries/Tools: Git/GitHub, Tailwind CSS, Postman, Vite, WebSockets, Bootstrap, Chart.js

Databases: MongoDB, MySQL

Core Concepts: OOP, Networking, Data Structures and Algorithms (DSA), API Design and Integration

Cloud and Deployment: Docker, AWS, Vercel, Render

EXPERIENCE

- Marqstat Intelligence Private Limited** April 2024–July 2024
Full stack developer Intern / Nextjs, Typescript, mongodb, Nodejs, Expressjs, Tailwindcss
 - Optimized website functionality and enhanced performance, improving user experience and reducing load time by 40 percent, resulting in faster page loads and improved user retention.
 - Designed and maintained an advanced admin dashboard using Chart.js, delivering real-time data visualizations and insights to improve operational efficiency.
 - Streamlined reporting processes, boosting reporting speed by 40 percent and reducing manual data entry errors by 25 percent, leading to more accurate decision-making.

PROJECTS

- Random Chat Application** 2023 [Github](#) 
Full stack MERN project / React, mongodb, socketio, nodejs, javascript
 - Developed group and 1-on-1 chat functionalities with Socket.IO for seamless real-time communication.
 - Enhanced user experience and responsiveness using React, resulting in 30 percent faster load times..
 - Leveraged React's Context API and local storage, resulting in 15 percent faster state management.
- Google Chrome ColorPicker-Extension** 2024 [Github](#) 
Chrome Extension
 - Chrome extension that allows users to pick colors from any webpage, supporting up to 16 million color variations.
 - Enabled users to save up to 50 selected colors, ensuring efficient access and management.
 - Integrated a feature to clear saved colors with a single click, maintaining a well-structured and organized palette for over 1,000+ users.
- Multiplayer Tic-Tac-Toe Game** 2024 [Github](#) 
Advanced JavaScript and Socket.IO Project
 - Formulated a real-time multiplayer Tic-Tac-Toe game using advanced JavaScript.
 - Utilized Socket.IO to ensure seamless, real-time communication between up to 2 players.
- Image Processor NPM Package** 2024 [Github](#) 
An NPM package
 - Developed an npm package for comprehensive image processing capabilities.
 - Enabled seamless conversion between JPEG and PNG formats, with options to adjust image quality up to 50 percent reduction.
 - Implemented functionalities for cropping and resizing images to specified dimensions, supporting sizes ranging from 50x50 to 2000x2000 pixels.

ACHIEVEMENTS

- Achieved the highest rating of 1713 on CodeChef**
- 500+ DSA problems solved across various online judges.**
- Finalist, Cognizant NPN Hackathon**
- Organized a coding competition at Heritage Institute of Technology**