

# 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