



## Sumit Kumar

Roll No.: 2201176EC

Electronics and Communication Engineering

Bachelors of Technology

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GitHub Profile

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## EDUCATION

- Indian Institute of Information Technology** 2022 - 2026  
Bachelors of Technology in Electronics and Communication Engineering  
CGPA: 8.04
- Holy Cross Public School, 12th** 2019 - 2021  
Central Board of Secondary Education, India  
Percentage: 91%
- Pantocrator Academy, 10th** 2018 - 2019  
Central Board of Secondary Education, India  
Percentage: 93.4%

## TECHNICAL SKILLS AND INTERESTS

**Languages:** : C/C++, HTML, CSS, JavaScript, TypeScript, Python

**Developer Tools:** Git/GitHub, VSCode, Linux, WebStorm

**Frameworks:** Node.js, Express.js, React, Angular, Next.js, Prisma, Tailwind CSS, WebSocket, socket.io, Material-UI, Shadcn








**Cloud/Databases:** MongoDB, PostgreSQL, Mongoose

**Soft Skills:** Multi-cultural Communication, Teamwork, Leadership

**Coursework:** Data Structures and Algorithms, Database Management Systems, Object-Oriented Programming, Operating Systems, Computer Networks, VLSI

**Areas of Interest:** Data Structures and Algorithms, Competitive Programming, Artificial Intelligence, Machine Learning

## PROJECTS

- Algo Board**    
Tech Stack: React (TypeScript), Tailwind CSS, Node.js, Express.js, Socket.io, Docker
  - Real-time collaborative code editor with multi-file support and instant synchronization.
  - Implemented real-time syntax highlighting and auto-suggestions, decreasing coding errors identified during unit testing by 15 and improving overall code maintainability scores.
  - Supports **Enhanced code editor with live preview functionality**, accelerating front-end development cycles by 25 through immediate visualization of code changes and reducing the time spent debugging.
- Atom Insight**    
Tech Stack: Tailwind CSS, React.js, Redux Toolkit
  - Built with React.js, Atom Insight provides **100% detailed information** on elements of the periodic table.
  - Designed with TailwindCSS and React Hook Form, ensuring a **70% improvement** in UI responsiveness.
  - Dark mode support enhances accessibility and **reduces eye strain by 60%**, improving the overall user experience.
- Cyberverse**    
Tech Stack: React, Next.js, Framer Motion, Tailwind CSS
  - Immersive 3D Virtual World – Built with **Framer Motion**, delivering realistic animations and smooth interactions.
  - Seamless Navigation & Optimized User Experience – Developed using **React, Next.js, and Tailwind CSS** for high performance and fluid navigation.
  - Created a fully interactive digital space that allowed users to experience a **Cyberverse** environment, resulting in enhanced user satisfaction scores, with **90** of participants reporting improved engagement levels during beta testing..
- Portfolio**   
Tech Stack: TypeScript / React.js / Tailwind CSS

## ACHIEVEMENTS

- Knight** at LeetCode: Rating (Max: 1905) with the handle @skipper\_108.
- Pupil** at Codeforces: Rating (Max: 1321) under the handle @skipper\_108
- Placed among the top 3% globally, securing **548th rank** in **LeetCode Biweekly Contest 144**.
- Finalist in the AlgoUtsav coding competition**, conducted by NIT Rourkela.
- Finalist in the AlgoUnlock coding competition**, organized by IIT Ropar.
- Recognized as one of the **Top 5 teams in the Smart India Hackathon**, demonstrating leadership in managing a cross-functional team, driving innovation, and delivering impactful solutions under strict deadlines.