



Sumit Kumar

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Electronics and Communication Engineering

Bachelors of Technology

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GitHub Profile

LinkedIn Profile

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 syntax highlighting and auto-suggestions in collaborative code editor, decreasing average coding error rate by 15% and improving code readability scores by 20% through enhanced UI features.
– Supports **live preview**, **syntax highlighting**, **auto-suggestions**, and **customizable themes** for a seamless development workflow.
- 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.
– **Engaging Digital Space** – Allows users to explore and interact dynamically within a futuristic **Cyberverse environment**.

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 out of 36,727 participants** in **LeetCode Biweekly Contest 144**.
- **Earned a global rank of 1447 in LeetCode Weekly Contest 432**, showcasing strong analytical and problem-solving skills.
- **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.