

AMAN KUMAR

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EDUCATION

Narula Institute of Technology

B.Tech-Computer Science - **CGPA - 8.62**

2020 – 2024

Kolkata, India

EXPERIENCE

K&A [🔗](#)

Jan 2024 – Present

Software Developer

Kolkata, India

- Designed and implemented a real-time communication and project management platform for **120+ K&A** team members, streamlining collaboration and task tracking.
- Enhanced **project efficiency by 30%** through features like live messaging, progress tracking, and centralized project updates
- Designed, developed, and deployed a BRSR SaaS platform serving **40+ IPO-listed companies**, ensuring compliance with SEBI's Business Responsibility and Sustainability Reporting (BRSR) framework.

Teesta Investment -HFT [🔗](#)

Aug 2023 – Dec 2023

SDE Full-time Intern

Kolkata, India

- Constructed an algorithmic trading platform utilizing Node and Go, integrating REST APIs for real-time market data, and achieving an average trade execution speed of **5 milliseconds**, increasing profitability.
- Constructed and delivered full-stack trading platforms in collaboration with quantitative analysts, streamlining intricate trading requirements into efficient applications; resulting in processing **5,000+ transactions per minute**.

PROJECTS

SAAS Instagram DM Automation [🔗](#) | [Nextjs](#), [Tailwind](#), [Prisma](#), [Web-hooks](#)

2023

- Developed a robust integration utilizing the Instagram Graph API which automated daily responses for customer inquiries via DMs; reached an impressive milestone of handling over **600 automated conversations** weekly.
- Integrated Instagram **Graph API** for real-time interaction with Instagram DMs and user data, ensuring seamless automation.

Faceoholic [🔗](#) | [WebRtc](#), [Websocket](#)

2023

- Built a real-time video conferencing app using WebRTC and WebSocket, achieving **sub-400ms** latency and supporting **80+** concurrent users with seamless peer-to-peer communication.
- Implemented efficient NAT traversal techniques (**STUN/TURN**) to enhance connectivity and reliability for users across different networks.

TECHNICAL SKILLS

Languages: Java, C, HTML, CSS, JavaScript, SQL, NoSQL, Python, Typescript, GO

Technologies/Frameworks: ReactJs, NestJs, SpringBoot, NodeJs, ExpressJs, NextJs, Tailwind, Prisma, WebRTC, Web-Socket, AWS, NGINX, Selenium, Langchain, Docker, Kubernetes

Developer Tools: Git-Hub, Postman, Swagger

Operating System: Window, Linux

CODING PLATFORMS

- Solved **400+** Problems on **LeetCode** [🔗](#)
- Solved **450+** Problems on **GeeksforGeeks** [🔗](#)
- Achieved 5* in **data structures algorithms** and **java** Problems on **HackerRank** [🔗](#)

CERTIFICATIONS

- Node js | Udemy [🔗](#)
- Java | HackerRank [🔗](#)
- Next js | Udemy [🔗](#)
- AWS for developers | Udemy [🔗](#)

ACHIVEMENTS

- Ranked in the top **4.5%** among **4 million+** participants in a Frontend Development skill test
- Received Employee of the year Award in 2024
- Mentored and taught **50+ students** in Data Structures, Algorithms, and Development during college.