

# Ankit Kumar

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## Education

### KIIT University

September 2022 – April 2026

*B.Tech in Computer Science and Engineering*

### Army Public School

June 2021

*High School Diploma*

12th: Passed with - 91% 10th: Passed with - 92%

## Experience

### KIIT Fest Website

Jan 2024

○ Worked on a website that was in production and used by 30,000 students

### Tyup

Sep 2023

- Used Astro.js to enhance SEO performance.
- Developed responsive React components using Tailwind CSS.

### Web Developer, MLSA KIIT

Feb 2023 – Present

- Created APIs for event registration using Express.js and implemented type-safe forms with Formik and Zod.
- Designed website animations using Framer Motion on Next.js for the society.

## Projects

### KIIT Fest Website 🔄 🔗

2024

- Developed college fest website and it was used by **30,000** students
- Made Schema on prisma for Postgresql database and wrote **server actions** and Api's.
- Handeled all the animations using framer motion and optimized images for fast better page performance
- Used **mailgun** to send verification and issue assurance mails

### Auction Wars 🔄 🔗

2023

- Developed a robust online auction platform using MERN Stack, Redux Toolkit, Typescript, and Material UI.
- **Socket.io** is employed to establish WebSocket connections, enabling real-time communication, for dynamic bidding in auction rooms.
- Users can list items, start auctions with initial bids, and participate in dynamic bidding, creating an interactive auction experience.

### gRPC Node.js Chat Server 🔄

2023

- Engineered a high-performance chat server in Node.js using gRPC.
- Leveraged gRPC's efficient binary serialization with Protocol Buffers, resulting in reduced payload size, faster data transmission, and optimized network utilization.
- Improved scalability and responsiveness by integrating Redis for accelerated data extraction.
- Enabled real-time communication with gRPC's streaming, ensuring instant message delivery and receipt.

### Microsoft Learn Student Ambassador KIIT Website 🔄 🔗

2023

- Developed using Next.js, Tailwind CSS, and TypeScript.
- Leveraged Framer Motion for animations, enhancing the overall user experience.
- Integrated Swiper.js to create a carousel, adding a dynamic and interactive element to the website.

## Skills

**Frontend:** React.js, Next.js, Tailwind, Figma

**Backend:** Node.js, Express.js, Socket.io, Rest Api

**Blockchain:** Ethereum, Ether.js

**Database:** MongoDB, PostgreSQL

**Languages:** Javascript, Solidity, Typescript, Go, C/C++

## Extracurriculars

### MLSA KIIT Member

Feb 2023 – Present

- Delivered an informative speech on JavaScript to college peers, fostering a collaborative learning environment.