

Ayush Tiwari

Bachelor of Technology, Electronics and Communication Engineering

Motilal Nehru National Institute of Technology, Prayagraj

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EDUCATION

Motilal Nehru National Institute of Technology, Prayagraj

CPI: 8.04 (2027)

Kanpur Public Inter College (UP Board)

Percentage: 79.8 (2022)

Jugal Devi Saraswati Vidya Mandir (CBSE Board)

Percentage: 86.8 (2020)

PERSONAL PROJECTS

Quants Programmer: Edtech Platform [Live Project](#) | [Demo Video](#) | [Code Repository](#)

- Developed a learning platform with Next.js, TypeScript, and MongoDB, featuring 10+ structured roadmaps and personalized progress tracking for 100+ users.
- Integrated OTP authentication, email verification, and a microservices-based backend, ensuring security and handling 1000+ site visits with API response time <200ms.
- Achieved a 100/100 Lighthouse score for both performance and SEO, optimizing server-side rendering, lazy loading, and database indexing for fast and efficient access.

CampusX: College OLX Platform [Code Repository](#) | [Demo Video](#)

- Built a Next.js-based marketplace enabling students to buy/sell items and participate in real-time auctions using Socket.io.
- Developed OTP-based authentication, a responsive dashboard, and Razorpay integration for secure transactions.
- Implemented cron jobs for automated auction closures, dynamic pricing, and live notifications, ensuring seamless functionality.

TECHNICAL SKILLS AND INTERESTS

Languages: C++, JavaScript, TypeScript,

Frameworks and Libraries: React, React Native, Next.js, Node.js, Express.js, TailwindCSS, GSAP

Cloud/Databases: MongoDB, SQL

Technical Knowledge: HTML, CSS, Data Structures, Operating Systems, VS Code, GitHub, Postman

Soft Skills: Problem-solving, Teamwork, Communication, Time Management, Project Management

POSITIONS OF RESPONSIBILITY

Frontend Developer, Culrav-Avishkar [Repository Link](#)

Developed a profile dashboard for **1000+ participants**, implemented **5+ GSAP animations**, optimized React performance by **30%**, and contributed to the homepage design, improving engagement by **40%**.

Web Developer, CC Club [GitHub Repo](#) | [Live](#) | [WOC - Live](#)

- Developed a feature-rich profile dashboard used by **1000+ competitive programmers**, integrating the Codeforces API for **real-time stats** and **performance analytics**.
- Implemented **10+ GSAP animations**, improved UI responsiveness using Tailwind CSS, and enhanced UX for the **WOC hackathon with 500+ registrations**.

Lead Web Developer, Green Club [Live](#) | [Repo](#)

Developed and deployed the **official website** using **Next.js**, **Tailwind CSS**, and **GSAP**, achieving a **96/100 Lighthouse performance score** and **100/100 SEO score**. Optimized site performance, reducing load time by **40%** and increasing organic reach by **60%**.

ACHIEVEMENTS

1st Place - Innodev (2025) Outperformed **100+ teams** to secure 1st place in **Innodev**, the development event by ES MNNIT, demonstrating expertise in **full-stack development and system design**.

1st Place - Dev or Die (2024) Won "**Dev or Die**", a competitive development event by MNNIT, competing against **50+ teams**, showcasing proficiency in **Backend, UI/UX, and API integration**.

Leetcode - Problem Solving Achieved a **1764 rating** on **Leetcode**, solving **500+ DSA problems**, improving proficiency in **algorithms and data structures**. [View Profile](#)

3rd Place - Quintathlon (2024) Achieved 3rd position in **Quintathlon**, a multi-round technical contest by ES MNNIT, competing among **100+ participants**, showcasing skills in **coding, logical reasoning, and Time management**. [View Certificates](#)