

MANSHA

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EDUCATION

Indian Institute of Information Technology, Guwahati

B.Tech, Computer Science & Engineering (2022 – 2026) | CGPA: 7.50 (Till 6th Semester)

KhelGaon Public School, Prayagraj

Class XII : 93.2% | Class X : 95.17%

EXPERIENCE

IIIT Bangalore (CTRI-DG), Summer Intern

May 2025 - July 2025

- Worked on RASP, a low-code web application platform, accelerating development cycles and boosting operational efficiency for enterprise clients.
- Collaborated in an agile team of 5 to deliver a full-stack Admission Portal by designing scalable APIs, optimizing backend services, and automating code generation pipelines for rapid deployment.
- Contributed across all 3 layers - UI design, backend services, and code generation, improving maintainability and system robustness.
- **Technologies:** React, Node.js, Prisma, MySQL, MongoDB, Spring Boot, Docker, Keycloak.

Bluestock Fintech, SDE Intern

February 2025 - March 2025

- Led a team to refine frontend system architecture using React.js and Redux, optimizing component load cycles and enhancing responsiveness.
- Reduced application latency by 40% through performance profiling and codebase optimization.
- Improved overall user experience and frontend reliability in a production-grade fintech environment.

SKILLS

- **Programming:** C++ , C, JavaScript, TypeScript, SQL
- **Databases:** MongoDB, MySQL.
- **Frameworks & Tools:** React.js, Node.js, Next.js, Express.js, Redux, Tailwind CSS, Bootstrap, RESTful APIs, , Prisma, Docker, Postman, Git, GitHub.
- **Core Competencies:** Data Structures & Algorithms, Object-Oriented Programming (OOP), Operating Systems, SDLC, Debugging, System Design (basics).
- **Soft Skills:** Strong Communication Analytical Thinking, Collaboration, Problem Solving, Deadline-driven.

PROJECTS

Personalized Education Platform [↗](#) | Next.js, TypeScript, Inngest, Gemini, Clerk, Tailwind CSS

- Developed an AI-powered adaptive learning platform with personalized study plan generation and intelligent resource curation, with improved response time of 30%.
- Integrated interactive PDF chatbot and productivity tools, elevating user engagement and retention.
- Built dashboards for data-driven insights, enabling 100% dynamic rendering.

NewsPop [↗](#) | Tailwind CSS, Vanilla JS, REST APIs

- Developed a responsive web app with live news and weather integration, smart search, and topic-based filtering, optimizing information retrieval and achieved Lighthouse performance score of 95+.
- Integrated interactive quizzes improve user retention and user experience.
- Optimized frontend assets, reducing load times by 30%.

Smart Bot [↗](#) | Node.js, React.js, Express.js, MongoDB

- Engineered a multi-functional bot with AI-powered features including text summarization, chatbot interactions, and code conversion, expanding platform versatility with 5 integrated tools.
- Reduced API response time by 40% through systematic performance analysis and distributed optimization.

ACHIEVEMENTS & CERTIFICATIONS

- Qualified Level 1 of Flipkart Grid 6.0 .
- Selected for Codeforces Graphs Camp and Accelerator Programming Camp (Top 1.4%).
- Certificates : The Web Developer Bootcamp by Udemy [↗](#) , Responsive Web Design by freeCodeCamp [↗](#).
- Solved 500+ DSA questions on GFG and Leetcode.