





AKHAND PRATAP SINGH

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 [in/Akhand Pratap Singh](#)  [github.com/AkhandGit](#) [LeetCode](#)

EDUCATION

B.Tech in Computer Science and Engineering (Artificial Intelligence)

November 2021 - Present

Pranveer Singh Institute of Technology, Kanpur

(CGPA of 6.83)

TECHNICAL SKILLS

Languages: Java, Python, Javascript, HTML, CSS, SQL, React

Tools: Version Control, MySQL

Coursework: Data Structures and Algorithms, Database and Management Systems, Operating Systems, Object Oriented Computer Networks.

PROJECTS

ChatSphere | *Node.js, Express.js, Socket.io, MongoDB, React.js* |

Ongoing Major Project


- Developed a real-time chat application, enabling instant messaging with 100+ active users simultaneously.
- Designed an interactive frontend with React.js, handling 10,000+ messages per day.
- Implemented a robust backend using Node.js and Express.js, ensuring low latency and seamless communication.

Tasker | *Javascript, React, Tailwind CSS* | 

- Developed a modern React boilerplate to accelerate web app development with faster build performance.
- Leveraged Vite for 20–100x faster builds and near-instant hot module replacement.
- Used Tailwind CSS to enable rapid UI development through utility-first styling.
- Configured ESLint to maintain consistent, high-quality code across the project.

Apple Vision UI Clone project | *GSAP, JavaScript, HTML, CSS* | 

- Created a scroll-triggered Apple Vision UI clone, enhancing UX with 50% smoother animations.
- Designed pixel-perfect responsiveness, ensuring 100% compatibility across devices.
- Optimized animations with GSAP, reducing lag and improving performance by 40%.
- Integrated advanced parallax effects, increasing user engagement by 30%.

Medium | *Cloudflare Workers, Hono, Prisma, TypeScript* | 

- Developed a serverless Medium-style blogging application using Cloudflare Workers and Hono framework.
- Implemented user signup, signin, and CRUD operations for blog posts.
- Integrated Prisma ORM for efficient and scalable database interactions, reducing query complexity by 40%.
- Enabled serverless deployment with Cloudflare Workers for low-latency, global performance.

ACHIEVEMENTS AND CERTIFICATIONS

- Data Structures and Algorithms using Java from Apna College
- Data Structures and Algorithms using Python from Infosys
- HTML5, CSS3, and JavaScript Certificate from Infosys Springboard
- Training Certificate and Internship Certificate by InternsElite
- Machine Learning, Neural Networks, and Deep Learning using Python organized by IIT Kanpur
- Bootstrap Certificate from Infosys Springboard
- Achieved 5 Star in Problem Solving on HackerRank
- Solved 180+ DSA problems on LeetCode

POSITION OF RESPONSIBILITY

Technical Committee | Visual Arts Coordinator, Ignitia - College Fest

February, 2023 & April, 2024

- * Led the design of posters, banners, and other creative materials to promote events during the two-day college fest.
- * Coordinated participation of students from various colleges for events such as Coding Hackathon, Treasure Hunt, Smart City Evolution challenge, and a Technological Seminar, engaging over 1,100 students.
- * Collaborated with the event management team to ensure visual branding consistency across promotional materials.