

Sateesh Kumar

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EDUCATION

Chandigarh University

August 2021 - July 2025

Bachelor of Engineering in Computer Science (GPA: **7.23** / 10.00)

Chandigarh, India

- **Relevant Coursework:** Data Structures, Algorithms, Operating Systems, Computer Networks, Databases

EXPERIENCE

HedgeMyFunds

May 2024 – June 2024

Full-stack Intern

Mohali, India

- Built and deployed a website for the company using Next.js for the frontend and Express.js for the backend, integrating MongoDB for data storage, resulting in a 40% increase in user engagement and reducing load times by 30% through optimized routing and middleware implementation.
- Utilized advanced React Hooks concepts such as useState, useEffect, and useRef along with Tailwind CSS for responsive design, achieving a 50% improvement in website performance and a 25% reduction in bounce rate.
- Integrated Web3Forms and Mongoose for efficient query handling and data management, leading to a 35% improvement in data retrieval speeds and ensuring seamless form submissions and database interactions, contributing to a 20% increase in user satisfaction.

PROJECTS

Joom - Video Conferencing App | GitHub Link | Live Link

- Architected a Real-Time Video Calling Web Application leveraging Getstream and Next.js to develop a video calling platform, resulting in a 50% increase in user interaction and reducing call setup time by 25% through real data.
- Facilitated group video calling with the capacity to host up to 7 participants concurrently in a video call.
- Implemented real-time chat features and clerk for authentication and user management functionalities.

Teutter - Social Media App | GitHub Link

- Developed an end-to-end fully responsive social media Web application from scratch, equipped with fully functional features from Authentication to create post, delete post, interact with peoples. Tested by 100 users in a single day.
- Added features such as secure user authentication, search functionality, user profile customization and privacy settings giving users control over their personal information on the platform. Increased 30% user engagement
- Successfully revamped a feature to track users' IP addresses using Django Signals, resulting in the identification and blocking of 15% more users who violated platform policies.

Talent-X - Job Portal | GitHub Link | Live Link

- Created a robust job portal platform, "Talent-X," facilitating seamless interaction between companies and job seekers, resulting in over 500 registered users and 50 active job listings.
- Used Django's built-in user authentication and authorization systems, allowing more than 500 users to register and manage their profiles securely, enhancing platform security and user engagement.
- Integrated an advanced job listing system based on different job categories, enabling employers to post over 50 jobs.

SKILLS

Languages : C/C++(Beginner), Python, JavaScript, SQL.

Frameworks : Node.js, Express.js, Restful APIs, React, Next.js, Django, Tailwind CSS, DRF

ACHIEVEMENTS

- Scored 88 out of 100 in Introduction to Internet of Things conducted by IIT-KGP and earned Silver certificate.
- Appointed as the Campus ambassador. Worked on Lead Generation for the Company, AcmeGrade.