

Ayush Pratap Singh

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SUMMARY

- Full-stack developer with expertise in backend development, REST APIs, and scalable web applications. Proficient in Node.js, Express, Next.js, MongoDB, PostgreSQL.
- Strong foundation in C++, JavaScript, Java, HTML/CSS, Python; with solid grasp of DSA and system design.
- Experienced in Git, VS Code, Linux, Agile practices and collaborative development.

EDUCATION

IIIT Sri City

B.Tech in CSE; CGPA: 8.73

Academic Global School

Class 12 (PCM, Computer Science): 95%

Sri City, Andhra Pradesh

Aug 2023 – Present

Gorakhpur, UP

May 2023

TECHNICAL SKILLS

- **Languages:** C, C++, Java, Python, JavaScript, HTML, CSS, SQL
- **Frameworks:** Node.js, Express.js, React.js, Next.js, Bootstrap, Tailwind
- **Databases:** MongoDB, PostgreSQL
- **Tools:** Git, GitHub, Linux, VS Code
- **Core:** OOPs, Networking, Operating System, DSA, System Design, API Development, DBMS

PROJECTS

Bookish – E-Commerce Platform [[GitHub](#)] | [[Live Demo](#)]

- Developed a comprehensive e-commerce platform for books using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Integrated Stripe payment gateway to facilitate seamless transactions for both one-time purchases and subscription-based access.
- Implemented secure user authentication and authorization mechanisms.
- Enabled users to read books online through a subscription model, enhancing user engagement.
- Incorporated a real-time video review feed, allowing users to share and view book reviews dynamically.
- Designed a user-friendly interface with responsive design principles to ensure accessibility across devices.

EventSphere – Event Management Application [[GitHub](#)]

- Collaborated with the Epoch Club at IIIT Sri City to develop a full-featured event management platform.
- Ensured scalability and maintainability by adhering to modular design principles and best coding practices.
- Built an animated and interactive frontend using React.js, enhancing user experience with dynamic event cards and transitions.
- Implemented a robust registration system with secure authentication, allowing users to register and manage event participation.

CAMPUS INVOLVEMENT

EPOCH Club – Web Development Domain

Core Member

- Led the development of full-stack web applications, mentoring juniors in React.js and Node.js technologies.
- Organized technical sessions and hackathons to foster a collaborative learning environment in AI and ML.

Nirvana Club – Research Domain

Core Member

- Planned and executed events focusing on ancient wisdom and modern science, including meditation and yoga sessions.
- Collaborated with cultural and technical clubs to design competitions and activities that promote holistic development.

IIIT Sri City

Oct 2024 – Present

IIIT Sri City

Oct 2024 – Present

ACHIEVEMENTS

- **Gamethon 2023 – 1st Runner-Up**, Global Game Jam (Team: Blue Bucket)
- **CodeSprint – 1st Runner-Up**, in college-level DSA contest by Gradient Club.
- **CyberTea**: Organized cybersecurity awareness + hands-on session.
- **100+ Leetcode questions**: Maintains active LeetCode profile with regular problem-solving.

CERTIFICATIONS

- **Full-Stack Web Dev Bootcamp** (Udemy 2024): Certificate