

Ayush Sharma

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Uttar Pradesh, India

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/ayushsharma

github/astrix-ui

portfolio/ayushsharma

EDUCATION

Bachelor of Technology, Computer Science CGPA - 8.63

SRMIST University • Ghaziabad, Uttar Pradesh • 2022-2026

XII - 90%, X - 95.6%

Delhi Public School Indirapuram, Uttar Pradesh • 2022

SKILLS

- **Programming Languages:** Java, C, C++, HTML, CSS, JavaScript
- **Web Technologies:** React.js, Express.js, Node.js, Tailwind CSS, Bootstrap, MongoDB, REST APIs
- **Libraries & Frameworks:** React Router, Axios, ShadCN, Swiper.js, Mongoose, JWT, Bcrypt, Postman, Thunderclient, React big calendar, Cors, Framer Motion
- **Concepts:** Database Management Systems (DBMS), Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Operating Systems, UI/UX Design
- **Tools & Platforms:** VS Code, git, GitHub, Docker, Vercel, Render

EXPERIENCE

NATIONAL INFORMATICS CENTRE SERVICES INC.

Jun 2025 - Jul 2025

Generative AI Intern | Full-time | New Delhi

- Engineered a React-driven interface for the Pragmaan chatbot, enabling 200+ pilot users to query organizational data with a 40% faster interaction flow compared to the baseline design.
- Collaborated with Generative AI interns to integrate semantic search pipelines via FastAPI, LangChain, and ChromaDB, increasing response accuracy by 35% and reducing manual lookup effort by 50%.

AIRPORTS AUTHORITY OF INDIA (AAI)

Dec 2024 - Jan 2025

Full Stack Intern | Full-time | New Delhi

- Developed a real-time flight operations dashboard supporting 1000+ concurrent data entries, optimizing flight visibility for operational teams.
- Reduced average data lookup time by 45% through asynchronous API design and indexed MongoDB queries.

E-TECH

Jun 2024 - Jul 2024

Frontend Intern | Remote | Vadodara, Gujarat

- Replaced outdated site elements with fully responsive components, increasing mobile accessibility score by 25% (Lighthouse audit).
- Refined cross-browser compatibility for 40+ edge cases, elevating page consistency from 80% to 97%.

PROJECTS

Alumni-Connect

[\[Live Link\]](#)

- Devised a platform for connecting 1000+ SRM students to alumni, featuring smart filters and direct messaging.
- Deployed real-time updates via JavaScript polling and programmed notifications tailored to 1000+ user roles.
- Executed 60% higher retention across pilot users due to elevated UX and data routing.
- Stack: HTML, CSS, JavaScript, PHP, SQL

Job Tracker

[\[Live Link\]](#)

- Constructed a job monitoring platform handling 200+ entries with status categorization, event scheduling, and timeline visualization, improving efficiency by 70% compared to manual spreadsheets.
- Enhanced usability through modular interfaces and theme customization, cutting navigation effort by 40% across repeated daily tasks.
- Stack: React, Node.js, Express, MongoDB, Tailwind CSS

Momento

[\[GitHub Link\]](#)

- Designed a social networking platform enabling users to share posts, follow peers, and interact via likes and direct messages, tested by 50+ early adopters.
- Built an integrated chat system supporting both private and group conversations, improving communication efficiency by 35% with optimized PHP-SQL workflows.
- Delivered a responsive user interface compatible across 20+ device sizes, achieving a 25% enhancement in usability scores based on user feedback sessions and A/B testing results.

ACHIEVEMENTS

- Led 15+ design initiatives and organized 5+ tech-driven events as Team Lead – Creative Wing, ISTE Club, SRMIST, fostering innovation and design thinking.
- Secured Scholar Badge for 8 consecutive years, ranking consistently in the Top 10% of academic performers across school and college.
- Champion in Inter-school Orchestra Competitions, representing school at national-level cultural fests with solo and group performances.
- Captained School Football Team and won 5+ inter-school tournaments.
- Tutored 40+ underprivileged students in Mathematical fundamentals as part of NGO community outreach.
- Certification in NPTEL Swayam Data Base Management System.
- Achieved Oracle Cloud Infrastructure 2025 Certified Generative AI Professional certification, demonstrating expertise in building, deploying, and optimizing AI solutions on OCI.