

# Ayush Raj

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## Summary

Highly motivated MERN Full-Stack Developer with hands-on experience in building scalable web applications using JavaScript, TypeScript, React, Node.js, and MongoDB. Proven track record through two successful internships delivering production-ready features for real-world applications. Skilled in full-stack development, user authentication systems, database integration, and responsive UI design. Strong problem-solver with expertise in debugging, code optimization, and collaborative development. Seeking software engineering opportunities to contribute to innovative products and scalable solutions.

## Education

<b>Khalsa College of Engineering &amp; Technology (NAAC Grade A)</b> <i>Bachelor of Technology in Computer Science &amp; Engineering, CGPA: 7.5/10</i>	Amritsar, Punjab, India Oct 2022 – Present
<b>S.A.Eklavya Degree College</b> <i>Intermediate, Percentage: 75%/100</i>	Jamui, Bihar, India 2020 – 2022
<b>Gayan Niketan Residential School Barbigha Sheikhpura</b> <i>Matriculation, Percentage: 62%/100</i>	Jamui, Bihar, India 2020

## Technical Skills

**Languages:** JavaScript (Intermediate), TypeScript, HTML5 (Intermediate), CSS3 (Intermediate), SQL  
**Frontend:** React.js (Intermediate), Bootstrap, Tailwind CSS, Responsive Web Design, UI/UX Design  
**Backend:** Node.js, Express.js, RESTful APIs, MongoDB (Intermediate), Database Design  
**Cloud & Tools:** AWS Basics, Git, GitHub  
**Core Competencies:** MERN Stack Development, Problem Solving, Debugging, Code Review

## Experience

<b>Full-Stack Developer Intern</b> <i>Amdox Technologies, Bengaluru (Remote)</i>	Nov 2024 – Dec 3-Month Intensive Training Program
<ul style="list-style-type: none"><li>Contributed to development of Hire.io recruitment platform, implementing new features and ensuring high responsiveness across devices</li><li>Engineered complete user authentication flow including registration and login forms, improving user onboarding experience</li><li>Integrated MongoDB database for secure user data storage and retrieval, implementing efficient schema design for user profiles</li><li>Developed backend validation logic using Node.js to authenticate user credentials against MongoDB database records</li><li>Applied MERN stack (MongoDB, Express, React, Node.js) to build dynamic front-end components and server-side logic</li><li>Engaged in code review, debugging, and testing processes, significantly improving code quality and application stability</li><li>Collaborated with cross-functional team using Git/GitHub for version control and agile development practices</li></ul>	
<b>Front-End Developer Intern</b> <i>AOSC Technologies, Amritsar</i>	Jan 2024 – Apr 2024 Web Development Internship
<ul style="list-style-type: none"><li>Designed and developed School Management System website using HTML, CSS, and JavaScript with focus on user experience</li><li>Built responsive, mobile-first interfaces ensuring cross-browser compatibility and optimal performance</li><li>Implemented modern UI/UX principles to create intuitive navigation and enhanced visual design</li><li>Collaborated with senior developers to deliver production-ready code following industry best practices</li></ul>	

## Projects

<b>Hire.io Recruitment Platform</b>   <i>React, Node.js, Express, MongoDB, JavaScript</i>	Nov 2024 – Present
<ul style="list-style-type: none"><li>Full-stack recruitment application with user authentication, profile management, and job application features</li><li>Implemented secure user registration and login system with MongoDB backend and Node.js validation logic</li><li>Designed responsive UI components using React, ensuring seamless experience across mobile and desktop platforms</li><li>Optimized database queries and API endpoints for improved performance and reduced server response time</li></ul>	
<b>School Management System</b>   <i>HTML, CSS, JavaScript, UI/UX Design</i>	Jan 2024 – Apr 2024

- Comprehensive school management website with student, teacher, and admin portals
- Created intuitive user interfaces with modern design principles and responsive layouts
- Implemented dynamic content rendering and interactive features using vanilla JavaScript
- Ensured cross-browser compatibility and optimized page load times for better user experience

## Achievements & Leadership

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**2nd Prize - Web Warrior Competition:** Web Development Competition recognizing technical excellence and problem-solving

**Photography Coordinator:** Managed technical and cultural event activities during college festivals, coordinating team of 10+ members

**E-Sports Achievement:** Won 2nd Prize in BGMI Tournament and represented college at JECRC University Tech Fest

## Certifications

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MERN Stack Development – Tutedue

UI/UX Design – Tutedue

Web Designing – AOSC Technologies, Amritsar

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