

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.

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, Version Control, Chrome DevTools

Core Competencies: MERN Stack Development, Full-Stack Development, Problem Solving, Debugging, Code Review

Experience

Full-Stack Developer Intern

Nov 2024 – Present

Amdox Technologies, Bengaluru (Remote)

3-Month Intensive Training Program

- Contributed to development of Hire.io recruitment platform, implementing new features and ensuring high responsiveness across devices
- Engineered complete user authentication flow including registration and login forms, improving user onboarding experience
- Integrated MongoDB database for secure user data storage and retrieval, implementing efficient schema design for user profiles
- Developed backend validation logic using Node.js to authenticate user credentials against MongoDB database records
- Applied MERN stack (MongoDB, Express, React, Node.js) to build dynamic front-end components and server-side logic
- Engaged in code review, debugging, and testing processes, significantly improving code quality and application stability
- Collaborated with cross-functional team using Git/GitHub for version control and agile development practices

Front-End Developer Intern

Jan 2024 – Apr 2024

AOSC Technologies, Amritsar

Web Development Internship

- Designed and developed School Management System website using HTML, CSS, and JavaScript with focus on user experience
- Built responsive, mobile-first interfaces ensuring cross-browser compatibility and optimal performance
- Implemented modern UI/UX principles to create intuitive navigation and enhanced visual design
- Collaborated with senior developers to deliver production-ready code following industry best practices

Projects

Hire.io Recruitment Platform | React, Node.js, Express, MongoDB, JavaScript

Nov 2024 – Present

- Full-stack recruitment application with user authentication, profile management, and job application features
- Implemented secure user registration and login system with MongoDB backend and Node.js validation logic
- Designed responsive UI components using React, ensuring seamless experience across mobile and desktop platforms
- Optimized database queries and API endpoints for improved performance and reduced server response time

School Management System | HTML, CSS, JavaScript, UI/UX Design

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

Inventory Management System | *MERN Stack, MongoDB, Express, React, Node.js*

2024

- Built full-stack inventory tracking application with real-time data updates and analytics dashboard
- Implemented CRUD operations for product management with MongoDB database integration
- Developed RESTful API using Express.js for efficient client-server communication
- Created responsive frontend with React, featuring search, filter, and sorting capabilities

Education

Khalsa College of Engineering & Technology (NAAC Grade A)

Amritsar, Punjab, India

Bachelor of Technology in Computer Science & Engineering, CGPA: 7.5/10

Oct 2022 – Present

- Relevant Coursework: Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks, Software Engineering

Achievements & Leadership

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

Active GitHub Contributor: Maintained portfolio of projects demonstrating full-stack development capabilities

Certifications

MERN Stack Development – Tutedue

UI/UX Design – Tutedue

Web Designing – AOSC Technologies, Amritsar