Akshay Poonia

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Professional Summary

Aspiring Software Developer with strong proficiency in C, C++, Java, and JavaScript, and hands-on experience in full-stack web development using the MERN stack (MongoDB, Express.js, React.js, Node.js). Skilled in front-end technologies like HTML, CSS, and React, with backend development expertise using Node.js and Express. Adept at building scalable web applications, integrating Firebase, and applying core computer science concepts such as data structures, algorithms, and computer networking. Passionate about crafting seamless UI/UX experiences and exploring the use of Generative AI to enhance application functionality. Quick learner and problem-solver with a strong commitment to continuous learning and innovation.

Education

Masai School   Bangalore, Karnataka
Full Stack Web Development Program   *Expected September 2025*
Chaudhary Charan Singh University   Meerut, Uttar Pradesh
Master of Science in Computer Science   *2022 – 2024*
- Achieved a percentage of **76.5%** in postgraduate coursework

Projects

Mind Board App | *HTML, CSS3, JavaScript, Firebase*   Live Demo   ⦿ GitHub
- Collaborated with a team of developers to design and develop an interactive whiteboard application with customizable drawing tools .
- Implemented the frontend using HTML5, CSS3, and JavaScript for responsive design and smooth UX.
- Integrated Firebase for real-time storage, user authentication, and session persistence.
- Thoroughly tested across devices to ensure cross-platform compatibility and performance.

Crime Management System | *ReactJS, Vite, TailwindCSS, Firebase*   Live Demo   ⦿ GitHub
- Individually developed a frontend-project crime tracking platform with user and admin role-based access.
- Built UI using ReactJS and TailwindCSS for a responsive and accessible design.
- Used Firebase for secure login, data handling, and real-time complaint tracking.
- Implemented dashboards for report submission, status updates, and admin control.

MIT Hub | *HTML5, CSS3, JavaScript, Firebase*   Live Demo   ⦿ GitHub
- Created a student-focused platform to upload, search, and access academic materials.
- Designed a mobile-friendly interface using HTML, CSS, and modular JavaScript.
- Leveraged Firebase for user authentication, file uploads, and database management.
- Enabled search and filter functionality for efficient material discovery.

Technical Skills

Languages: JavaScript, TypeScript, HTML, CSS, C, C++, Java

Frameworks & Libraries: React.js, Firebase, ChakraUI, TailwindCSS

Database Experience: Firebase (used in projects)

Tools & Platforms: Git, Leetcode, RESTful APIs, Expo, Postman

Soft Skills

Soft Skills: Problem Solving, Teamwork, Effective Communication, Time Management, Adaptability