

Mehul Saini

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Summary

Full Stack Web Developer with 1.5+ years of experience independently designing and developing scalable, modular web applications. Strong foundation in React.js, Node.js, Firebase, and AWS. Experienced in implementing CI/CD pipelines, building custom CMS platforms, and integrating secure authentication and payment systems. Passionate about creating efficient backend systems and responsive user experiences.

Skills

- **Frontend:** JavaScript, TypeScript, React.js, Next.js, Redux
- **Backend:** Node.js, Express.js, Firebase, AWS
- **Database:** MongoDB, MySQL
- **Tools:** Linux, Git, Docker

Work Experience

WECOFY

Dec 2023 – Jun 2025

Full Stack Developer

- Built dynamic interfaces for Cricket Winner, a sports news and prediction platform, to enhance user experience.
- Designed and deployed a CI/CD pipeline using GitHub Actions and AWS EC2, automating build, test, and deployment processes, which reduced deployment time by 50%.
- Refactored frontend architecture by creating smart and reusable React components, abstracted shared logic into custom hooks, and integrated global state management libraries (e.g. Redux, Zustand).

Backend Developer

- Designed RESTful APIs using Node.js to support scalable backend systems, reducing server-client communication errors by 25%.
- Optimized database query indexing, reducing response time by 10% and improving overall system performance.
- Implemented secure payment and authentication systems by integrating Razor Pay APIs and token-based auth using JWT, ensuring safe user transactions and session management.

Projects

Cricket Winner - Sports News & Information + CMS

Dec 2023 - Apr 2025

[[Website](#)]

- Independently developed a custom WordPress-like CMS with advanced features including post and page management, user administration, and media handling for streamlined content operations.
- Integrated WYSIWYG editor (TinyMCE) with custom plugins for enhanced text editing and built a custom media manager with metadata support.
- Designed and implemented a role-based access control (RBAC) system using Next.js and Firebase, ensuring secure and efficient content management.
- Tech Stack: React.js, Next.js, Firebase, AWS, S3, EC2

Prepit! - Mock Examination Platform + CMS

Jun 2024 - Aug 2024

[[GitHub](#)] [[Website](#)]

- Built a test environment simulating real exams (NAT, CAT, XAT, JEE) with time-tracking and progress monitoring, enhancing user preparation.
- Designed a CMS with dashboard analytics, question uploads, user management, and payment tracking.
- Integrated PDF report generation using Node.js and React-PDF for test performance analysis, providing detailed score breakdowns.
- Tech Stack: React.js, Next.js, Firebase, React-PDF

Education

2021 - 2024

Bachelor of Computer Applications

Guru Gobind Singh Indraprastha University

CGPA - 8.2