

# SANJAY PATIDAR

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Web Developer with 1 year of experience designing and deploying 12 responsive web applications, achieving a 30% reduction in load times and improving scalability. Proficient in full-stack development, secure coding practices, and cross-browser compatibility, with a focus on aligning development efforts with business objectives to deliver measurable outcomes.

## WORK EXPERIENCE

### Full-Stack Web Developer • Independent Projects | 2023 - Present

#### Educational Websites:

[LearnAndShare](#) | [GitHub Repository](#)

- Integrated secure authentication and PDF downloads using a verification system, safeguarding 20+ course dashboards.
- Architected a code editor with syntax highlighting, themes, real-time word count, and multi-format downloads, enhancing productivity for 100+ users.
- Fortified content security by sanitizing 99.9% of blog entries, mitigating malicious script risks and ensuring compliance.
- Tech Stack: HTML, CSS, React.js, Redux, Webpack, NodeJS, Express.js, AWS S3.

[EduXcel](#) (College Project) | [GitHub Repository](#)

- Achieved 1st position in Google search rankings, generating 89,000 impressions and 9,000+ clicks across 127 countries.
- Revamped course filters and dropdowns, increasing user engagement by 25% through real-time content updates.
- Directed a 5-member team, achieving 50% process efficiency improvement by adopting **Agile practices**.
- Tech Stack: React.js, RESTful APIs, Tailwind CSS, Node.js, Express.js, MongoDB.

#### Event Management Websites:

[EventEase](#) and [EventPro](#)

- Engineered event management platforms with Google Calendar synchronization, ranked 3rd on Google.
- Streamlined event management by optimizing **CRUD operations** with Google Calendar, reducing scheduling delays by 30%.
- Developed caching mechanisms and **synchronized APIs** to reduce event lag by 25%, increasing user engagement and system responsiveness.
- Tech Stack: HTML, CSS, JavaScript, React.js, Redux, Caching, Node.js, MongoDB.

#### Video Chat App:

[ConnectNow](#) | [GitHub Repository](#)

- Resolved 95% of WebRTC debugging issues, ensuring stable video calls and enhancing user retention by 40%.
- Delivered a 75% faster project turnaround by refining workflows and enhancing **cross-functional team collaboration**.
- Reduced latency by 15% for high-traffic scenarios using advanced **caching** techniques, ensuring seamless video call.
- Tech Stack: React.js, API development, WebRTC, Socket.io, MongoDB, Git.

## SKILLS

**Frontend:** HTML, CSS, Tailwind, JavaScript (ES6, DOM Manipulation, Closures, Promises, Async/Await, Fetch API), React.js (Hooks, Context API, Lifecycle Methods, JSX, Custom Hooks, Component Optimization), Redux, WebRTC

**Backend:** Node.js (Event-driven architecture, asynchronous programming, non-blocking I/O), Express.js, RESTful APIs, API development, AWS S3, MongoDB, Socket.io

**System Design:** Scalability (Load Balancing), Database Design (Indexing, Normalization), Caching (Redis)

**Deployment & CI/CD:** Vercel, Render, Continuous Integration/Continuous Deployment, Git (Version Control)

**Soft Skills:** Team Leadership, Project Management, Initiative

## EDUCATION

**CHANDIGARH UNIVERSITY** • NAAC A+ Accredited

Bachelor of Engineering in Computer Science & Engineering • 2020 - 2024

## CERTIFICATIONS

Developing Real Time Applications with WebRTC • AWS Cloud Solutions Architect