

Jay Panchal

+91 91045 43321 | jayp41340@gmail.com | [Portfolio:jaypanchal.pages.dev](https://portfolio.jaypanchal.pages.dev) | [LinkedIn](#)

SUMMARY

Aspiring MERN Stack Developer with hands-on experience in full-stack web development using React.js, Node.js, Express.js, and modern frontend technologies. Strong foundation in data structures, algorithms, and software engineering principles. Passionate about building scalable, responsive, and user-centric web applications with clean UI/UX and efficient backend systems.

TECHNICAL SKILLS

Languages: Java, JavaScript, PHP, Python

Frontend: React.js, Next.js, HTML, CSS, Tailwind CSS, GSAP, Framer Motion, Shadcn, Material UI

Database: MySQL, Oracle, mongodb

Tools/OS: Git, Linux, Bash, Figma, WebRTC, Postman

EXPERIENCE

Software Developer Intern – Codewing Technology Pvt. Ltd.-(<https://codewing.tech>)

Jan 2024 – Apr 2025

- Developed official website and admin portal and dashboards using React.js, Node.js and express.
 - Built responsive UIs and implemented backend services for task, user, and content management.
 - Participated in UI/UX design using Tailwind CSS, Shadcn, GSAP and framer motion for animation.
 - Collaborated with 3+ designers and engineers for agile delivery of features.
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Achievements

3rd runner up in hackathon:

HealthClick - Smart Healthcare Platform

- Built an emergency reporting system that captures the user's location along with an accident photo and instantly notifies the nearest hospital

- Integrated location-based doctor recommendations and blood bank search for faster access to healthcare services.

PROJECTS

Podcast platform - Virtual Podcast Recording Platform

- Built a platform for remote podcast recording with lossless local audio/video capture.
- Implemented real-time communication and screen sharing using WebRTC and Socket.IO.
- Automated media organization by exporting recordings into structured ZIP archives for streamlined post-production.

Secure Upload – Encryption SDK for Node.js

- Developed an open-source Node.js package that adds encryption to file uploads with minimal configuration.
- Designed a driver-agnostic architecture supporting Local Storage, AWS S3, Cloudflare R2, and custom storage providers.
- Simplified secure file upload integration through a clean, extensible API and modular plugin system.
- Published the package on npm as **@secure-upload/core** for easy integration into Node.js applications.

yourdorm – Shared Virtual Space

- Developed a real-time platform where users can create private rooms to watch videos, share photos, and relive memories together.
- Built synchronized content viewing and real-time communication for a seamless shared experience.
- Implemented secure room management with live collaboration using WebSockets.

Sahjanand Jewels – Business Website

- Designed and developed a premium jewelry website with a modern, responsive, and visually engaging user interface.
- Focused on clean layouts, smooth interactions, and an intuitive browsing experience to showcase products effectively.
- Optimized performance and responsiveness across desktop, tablet, and mobile devices.

CA K. D. Patel – Chartered Accountant Website-(<https://cakdpatel.com/>)

- Designed and developed a modern corporate website for a chartered accounting firm with a clean, professional, and responsive user interface.
- Built intuitive service pages, contact workflows, and optimized navigation to improve accessibility and user experience across all devices.
- Focused on performance, SEO-friendly structure, and smooth interactions to establish a strong digital presence for the firm.

EDUCATION

Master of Computer Applications (MCA)

Dharmsinh Desai University (*Pursuing*) 2025 – Present

Focused on Software Engineering, Artificial Intelligence, System Design, and Scalable Applications.

Bachelor of Computer Applications (BCA)

Dharmsinh Desai University 2022 – 2025

Built a strong foundation in programming, data structures, databases, web development, and software engineering.