

# Yash Chavan

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## Skills

**Frontend:** Javascript, ES6, ReactJS, Tailwind CSS, Bootstrap, Redux

**Backend:** NodeJs, Express, Socket.io, JWT, PostgreSQL, MongoDB, Redis, Kafka, Nginx

**DevOps and AI/ML:** Git/GitHub, Linux, AWS, Docker, Python, FastAPI, Langchain, MCP

**Languages:** C/C++, Java

## Education

### VCET, Vasai

Expected Jun 2026

B.E. in Computer Engineering

Current CGPA: 9.87/10

- Relevant Coursework: OOPs, Data Structures and Algorithms, Operating System, Computer Network.

## Projects

### Legal Mitra (2025) | [Code](#) | [Demo](#)

[React, Express, MongoDB, Langchain, NLP, RAG, FAISS, FastAPI]

- Developed a smart legal assistance platform simplifying access to Indian laws with a trusted legal database.
- Enabled real-time legal news updates, location-based lawyer discovery, and PDF chat using RAG architecture.
- Delivered concise legal answers with linked articles using dataset aggregation queries and LLM-based summary.

### Scorezy (2024) | [Code](#) | [Demo](#)

[React, three.js, Express, Multer, Redux, Cloudinary, face-api, Firebase]

- Built a proctored exam automation and monitoring tool, with secure admin panel, exam portal for exam integrity.
- Implemented tab-switch prevention, randomized questions, face detection, and formula-based scores generation.
- Enabled admins to create exams and their papers easily, and convert Word files to questions in 3 seconds.

### PenPalette (2024) | [Code](#) | [Demo](#)

[React, Tailwind, framer-motion, Web Canvas, Jodit, Nodejs, Firebase]

- A Digital book reading and publishing platform with advanced features for content organization and publishing.
- Built a custom book editor to add/edit chapters, save books by others, enabled commenting, and adding tags.
- Added utilities such as adjustable font size, dark-light theme, chapter and page navigation, link and image support.

## Work Experience

### Quizitt India Pvt. Ltd., Internship

May 2025–June 2025

Software Engineer

- Worked on end-to-end document caching system using Redis to accelerate extracted data retrieval.
- Led an online team, interfacing backend with frontend, and implemented slug-based routing for content posting.
- Created a chatbot on custom data, deployed with FastAPI, and added NSFW detection for media content.
- Managed version control, merge conflicts, testing and debugging, and applied Lazy Loading for scalability.

### Aspiring Web Solutions Pvt. Ltd., Internship

Oct 2024–Dec 2024

Full Stack Developer

- Built two advanced features for the company's Banquet Management System to automate Manual Bookings.
- Created a PHP-based solution linked with PostgreSQL to auto-generate receipts through XML integration.
- Cut business processing time from 4–5 days to a few hours with 100% precision, syncing with Tally Software.

## Achievements and Certificates

- Won the Techsurf 2025 competition at Contentstack, securing a cash prize of Rs. 50,000.
- Ranked 1st in Computer Engineering Department with an outstanding 9.75 CGPA.
- Published 2 copyrights and registered 1 patent for innovative academic projects. [Certificate](#)