

# Yash Chavan

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## Skills

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**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

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**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

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**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

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**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

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- 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](#)