

YASH PARMAR

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PROFESSIONAL SUMMARY

Software Developer with a strong foundation in computer science, specializing in scalable systems, RESTful APIs, and backend architecture. Proficient in Python, Java, and JavaScript with experience in building, testing, and deploying production-grade applications. Focused on code quality, performance improvement, and system reliability.

EDUCATION

Vidyalankar Institute of Technology, Mumbai

2024 – 2027

B.Tech in Computer Engineering

CGPI: 9.53 | Honours: AI & ML

Core Coursework: Data Structures & Algorithms, Operating Systems, DBMS, Computer Networks, OOP, Distributed Systems

TECHNICAL SKILLS

Languages: Python, Java, C/C++, JavaScript, SQL

Frameworks: Node.js, Express.js, Django, Flask, React.js

Databases: PostgreSQL, MongoDB, Firebase

Concepts: System Design, OOP, REST APIs, Software Testing, Agile Development

Tools: Git, Docker, Linux, GCP, VS Code, Azure

WORK EXPERIENCE

ThumbLab — Co-Founder & Technology Lead

Oct 2025 – Present

Mumbai, Maharashtra | Remote

- Lead backend and system design for client-facing platforms using Node.js and Express.js with strong focus on scalability and maintainability.
- Delivered the official ThumbLab Studio website and several B2B projects with efficient API integrations and CI/CD automation.
- Collaborated with UI/UX teams to enhance performance and cross-platform responsiveness, ensuring clean, maintainable codebases.

Freelance Software Developer | Remote

Jan 2024 – Oct 2025

Developed software systems emphasizing performance, testing, and deployment.

- Built 5+ production-ready backends using Flask and Node.js; improved API throughput by 40%.
- Streamlined deployment workflows using Docker and cloud platforms (GCP, Azure).

KEY PROJECTS

Smart Inventory Management System | Flask, PostgreSQL

Oct 2025

- Developed full-stack inventory tracking system with CRUD, analytics, and role-based authentication.
- Enhanced query performance and error handling, increasing data reliability by 35%.

LangSQL – SQL Automation Tool | Python, Django, TensorFlow

Mar 2025

- Designed AI-assisted SQL generator reducing manual query writing time by 50%.
- Implemented secure API endpoints and caching for faster query responses.

EduAI – Learning Platform | MERN, Firebase

Feb 2025

- Built adaptive learning modules with API-based course management and tracking dashboards.
- Deployed complete stack on Render and Firebase with seamless frontend-backend communication.

ACHIEVEMENTS & CERTIFICATIONS

Smart India Hackathon 2024 – Selected among top 30 teams at institute level for national submission · Quasar 3.0 Finalist · Inspiron 4.0 Finalist · IIM Business Management Certification (2025) – Strategic Leadership in Tech · AWS Cloud Practitioner (In Progress) · Open Source Contributor (10+ PRs)

PROFESSIONAL STRENGTHS

Core Strengths: Code optimization, debugging, software testing, version control, and delivering maintainable solutions.

Interests: System design, backend architecture, distributed computing, and open-source development.