

YASH PARMAR

SOFTWARE ENGINEER · BACKEND & FULL STACK · NODE.JS · REACT · AWS

Location: Mumbai, India | **Phone:** +91-9175895896 | **Email:** yashparmar11y@gmail.com

LinkedIn: linkedin.com/in/yashparmar1125 | **GitHub:** github.com/Yashparmar1125 | **Portfolio:** yashparmar.in

SUMMARY

Software Engineer with 1.5+ years of production experience shipping scalable systems that serve 4K+ real users across ed-tech and event platforms. Brings strong analytical and problem-solving skills across backend architecture, cloud deployment (AWS, Docker), and ML integration. Works closely with cross-functional stakeholders — gathering requirements, mentoring peers through code reviews, and delivering production systems end-to-end.

EDUCATION

Vidyalankar Institute of Technology, Mumbai

B.Tech in Computer Engineering

Aug 2024 – May 2027

CGPI: 9.53 | Honours: AI & ML

- Relevant coursework:** Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, DBMS, Computer Networks, Distributed Systems

TECHNICAL SKILLS

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

CS Fundamentals: Data Structures & Algorithms, Object-Oriented Programming, System Design, Databases (SQL & NoSQL)

Primary stack: Node.js, NestJS, Express.js, React.js, Next.js, TypeScript, PostgreSQL, MongoDB

Cloud & DevOps: AWS (EC2, S3), Docker, Nginx, GitHub Actions (CI/CD), Linux, Terraform

AI / ML: TensorFlow, PyTorch, XGBoost, Scikit-learn, NLP pipelines

Also familiar: Django, FastAPI, Flask, Firestore, MySQL, Azure, GCP, Redis

EXPERIENCE

Aarya Global Consulting — Software Engineer (Intern)

Jan 2026 – Present

- Architected and shipped two production platforms — AGCL Exams (CBT) and Chaitanya Events (NGO) — from schema design to deployment, now serving **4K+ active users** with infrastructure designed for 50K+.
- Resolved performance bottlenecks under concurrent exam load using Redis caching, DB indexing, and pagination; improved API response times under peak usage during live exam sessions.
- Implemented role-based access control (RBAC) with dynamic permissions and JWT/OAuth authentication across both platforms — securing access for 4K+ users across 5+ distinct roles, applying OOP design principles throughout.
- Deployed on AWS EC2 with Docker containers, Nginx load balancing, and GitHub Actions CI/CD pipeline — achieving zero-downtime deployments; collaborated with stakeholders through all phases.

ThumbLab — Full Stack Developer

Nov 2024 – Jan 2026

- Built and delivered ThumbLab's official site and 3+ client platforms using Next.js, React.js, and Node.js, consistently achieving **90+ Lighthouse** performance and accessibility scores across all deliverables.
- Owned client communication, technical scoping, and code quality reviews as the sole developer — mentored junior contributors and ensured on-time delivery for all studio projects.

KEY PROJECTS

NOIR – Full Stack E-Commerce Platform | React.js, Django DRF, PostgreSQL, Razorpay

Jan 2026

- Built a complete e-commerce platform with product catalog, cart, order management, and **secure payment integration** via backend order validation — preventing checkout inconsistencies.
- Designed RESTful APIs in Django DRF with JWT auth; deployed with Docker on cloud infrastructure.

Zuno – Real-Time Video Conferencing | React.js, WebRTC, Node.js, MongoDB

Dec 2025

- Built a low-latency multi-user video conferencing platform using WebRTC peer connections and a custom Node.js signaling server — handling room creation, session management, and reconnection logic.

LangSQL – AI-Powered SQL Generator | Python, Node.js, Django, TensorFlow

Mar 2025

- Built an NLP pipeline that converts plain English to optimized SQL queries, **reducing manual query writing by 50%** in internal testing.
- Trained a TensorFlow semantic parser on a custom dataset; served via Django REST API.

ACHIEVEMENTS & CERTIFICATIONS

- Smart India Hackathon 2024** – Selected among top 30 teams Colledge Level; collaborated with a cross-functional team to design and present a technical solution under competition constraints.
- Quasar 3.0** Finalist; **Inspirion 4.0** Finalist – applied analytical and collaborative problem-solving to deliver working prototypes within 24-hour hackathon windows.
- Open Source Contributor** – 10+ merged pull requests; worked with project maintainers through code review cycles, incorporated feedback, and improved shared codebases.
- AWS Cloud Practitioner** (Feb 2025); **IIM Strategic Leadership in Tech** (Mar 2025)