Yash Parmar

Wadala, Mumbai | ☎ +91-9175895896 | ✉ yashparmar11y@gmail.com

in linkedin.com/in/yashparmar1125 | ○ github.com/Yashparmar1125 | ⊕ helloyashparmar.dev

Professional Summary

Software Developer focused on building intelligent, scalable, and production-ready systems that combine AI, backend logic, and distributed architectures. Proficient in Python, Java, and system-level programming with a solid foundation in data structures, algorithms, and software design. Experienced in developing, optimizing, and releasing solutions across multiple cloud environments.

Education

Vidyalankar Institute of Technology, Mumbai 2024 – 2027
B.Tech in Computer Engineering CGPI: 9.53 | Honours: AI & ML
Coursework: Data Structures & Algorithms, OOP, Operating Systems, DBMS, Computer Networks, Distributed Systems

Technical Skills

Languages: Python, C/C++, Java, JavaScript, SQL
Frameworks & Libraries: Django, DRF, Flask, Node.js, Express.js, TensorFlow, PyTorch, Scikit-learn, React.js
AI & ML: Model Fine-tuning, Deep Learning, Feature Engineering, Supervised Learning, Unsupervised Learning, NLP Pipelines, LLMOps, Model Deployment, Vector Databases
Concepts: Algorithms, System Design, Distributed Systems, Machine Learning, APIs, Cloud Computing
Tools: Git, Docker, Linux, GCP, Azure, PostgreSQL, MongoDB, Firebase, Render

Experience

ThumbLab — Co-Founder & Technology Lead Oct 2025 – Present
Mumbai, Maharashtra | Remote

- Lead technical operations for a creative tech studio, building high-performance web products using Next.js, React.js, and Node.js.
- Delivered ThumbLab's official site and multiple client platforms with 90+ Lighthouse performance and accessibility scores.
- Align technology with design and storytelling to create seamless, responsive, and scalable digital experiences.

Freelance Software Developer | Remote Jan 2024 – Oct 2025

- Built 5+ production systems using Flask and Node.js; optimized API latency by 40%.
- Designed secure REST APIs (JWT, OAuth2) and automated CI/CD pipelines on GCP and Azure.

Key Projects

Smart Inventory Management System | Flask, PostgreSQL, Chart.js Oct 2025

- Automated stock tracking and analytics for 500+ records; improved reporting accuracy by 35%.
- Hosted on Azure App Service with monitoring and scheduled backups for high reliability.

LangSQL – AI-Powered SQL Generator | Python, Node.js, Django, TensorFlow Mar 2025

- Implemented NLP pipeline converting natural language into optimized SQL queries, reducing manual query creation by 50%.
- Integrated TensorFlow semantic parser and deployed through Django REST APIs.

EduAI – Adaptive Learning System | MERN, Python, Firebase Feb 2025

- Built modular e-learning platform with AI-driven personalized learning paths and analytics.
- Deployed frontend/backend across Render and Firebase; synchronized analytics for unified performance tracking.

StockSage AI – Predictive Analytics Platform | Next.js, Flask, XGBoost Nov 2024

- Trained hybrid ML models (XGBoost + Random Forest) on financial datasets; improved prediction accuracy by 12%.
- Integrated ML pipeline with Flask API and deployed interactive UI via Vercel.

Achievements & Certifications

Smart India Hackathon 2024 – Selected among top 30 teams 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 Skills & Interests

Core Strengths: Debugging complex systems, optimizing algorithms, collaborative development, scalable backend architecture, ML model integration, and delivering maintainable production systems.
Interests: Systems Programming, Applied AI, LLMOps, Open Source Development, Distributed Computing, and Scalable Software Design.

Technical Highlights

- Designed and released 10+ end-to-end systems combining backend engineering, cloud, and AI.
- Strong understanding of OS, DBMS, ML pipelines, and distributed architectures, with hands-on Docker and CI/CD experience.
- Experience in model fine-tuning, dataset preparation, feature engineering, and deploying ML models in production.