

Pratham Shah

Backend Developer | Full Stack Engineer | Python | Django | FastAPI | AI/LLM

☎ +91-8487017317 | ✉ prathamshah8487@gmail.com | 🌐 Pratham8487 | 📄 pratham1212 | 📍 Ahmedabad, Gujarat, India

Professional Summary

Backend Developer with hands-on production experience designing, building, and deploying scalable Python backends, AI-integrated workflows, and full-stack web applications. Proficient in Django, Django REST Framework, FastAPI, REST APIs, and PostgreSQL. Experienced integrating Large Language Models (LLMs) using LangChain and LangGraph into real-world products. Strong grasp of system design, clean architecture, and engineering best practices, with a track record of owning features end-to-end and delivering measurable performance improvements.

Experience

Akkomplish Group

Jun 2025 – Present

Junior Software Engineer

Ahmedabad

- Designed, developed, and deployed 25+ production REST API endpoints using Python, Django, and Django REST Framework, reducing average API response time by ~20% through query optimization and efficient serializer design.
- Owned and delivered end-to-end repository tracking and progress-monitoring features, improving project visibility across 50+ tracked repositories for multiple client accounts.
- Integrated OpenAI and Ollama LLMs into production backend workflows, enabling automated code-review analysis and intelligent progress summarization within the BAS TrustDesk platform.
- Built role-based access control (RBAC) dashboards surfacing granular project insights and code-quality metrics, reducing manual reporting effort by ~30%.
- Participated in code reviews and architectural discussions within an agile team, applying engineering best practices to improve system maintainability and code quality.

Elixir Techne

Jan 2025 – May 2025

Software Developer Intern

Ahmedabad

- Developed data-driven API workflows and backend service logic for production web applications.
- Integrated REST APIs and built reusable, modular backend service components.
- Optimized request handling to improve overall application performance and reliability.
- Collaborated closely with frontend developers to ensure smooth end-to-end integration.

Projects

Chatbot | [GitHub](#)

- Built an LLM-powered conversational chatbot using LangChain and LangGraph for automated, structured multi-turn dialogue.
- Implemented stateful conversation graphs enabling consistent, context-aware interactions at scale.

DNS Resolver | [GitHub](#)

- Developed a DNS resolution service handling recursive query lookups with efficient request handling.
- Implemented clean backend architecture with optimized response caching.

Document Converter | [GitHub](#)

- Built a document conversion platform supporting multiple file formats via a FastAPI backend.
- Designed REST endpoints for async file processing and optimized conversion throughput.

Education

LJ University

2021 – 2025

Bachelor of Engineering Artificial Intelligence & Machine Learning

Relevant Coursework: Data Structures & Algorithms, Machine Learning, Neural Networks, DBMS, Software Engineering

Technical Skills

Languages: Python, JavaScript, TypeScript, SQL

Backend: Django, Django REST Framework, FastAPI, Node.js, REST APIs

Frontend: React.js, Next.js, Tailwind CSS

Databases: PostgreSQL, MySQL, SQLite, ORM

AI / LLM: LangChain, LangGraph, OpenAI API, Ollama, RAG, Prompt Engineering, LLM Orchestration

Engineering & Tools: System Design, Clean Architecture, Agile, Git, GitHub, Postman, Linux