

PRANAV JAGTAP

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Results-driven Backend Developer with 2+ years of professional experience in backend and AI-driven application development. Skilled in **Python (FastAPI, Flask, LLM integration)** and **.NET (Core & Framework)** for building scalable APIs and automation solutions. Hands-on with **GenAI applications, RAG pipelines, and vector stores**. Strong foundation in databases (Postgres, SQL Server, MySQL), containerization (Docker), and frontend collaboration.

PROFESSIONAL EXPERIENCE

Prismatic Softwares Pvt. Ltd.

Sept 2023 – Present

Software Engineer

- Designed and developed **backend services (in .NET & Python)** for production systems.
- Python / GenAI:**
 - Built REST APIs with **FastAPI & Flask**, integrated **LLM APIs (OpenAI)** for automation workflows.
 - Implemented **retrieval-augmented generation (RAG)** using PostgreSQL + pgvector for knowledge recall.
- .NET:**
 - Developed secure APIs with JWT authentication and audit logging.
 - Optimized heartbeat & traceability functions by 40% cycle time improvement.
 - Applied Repository & Dependency Injection patterns for maintainable data access.
- Collaborated with frontend (React) teams to deliver AI-driven dashboards and reports.
- Stack:** Python, FastAPI, Flask, OpenAI API, LangChain, PostgreSQL, .NET Core, SQL Server, Docker, Kafka

Prismatic Softwares Pvt. Ltd.

Feb 2023 – Aug 2023

Intern Software Engineer

- Created Figma-to-HTML workflows using **Python (OCR, OpenCV)**, boosting dev efficiency by 60%.
- Tech Stack: **Python, Flask, Pytesseract, OpenCV, Pillow, matplotlib**
- Built file-processing APIs for **TXT/CSV/PDF/Word** with Python & Flask.

EDUCATION

B.Tech, Computer Engineering – Dr. Babasaheb Ambedkar Technological University (2019–2023)
CGPA: 8.4

TECHNICAL SKILLS

- Programming:** Python, C#, SQL, C++
- Frameworks:** FastAPI, Flask, .NET Core (MVC & Web API), .NET Framework, LangChain
- Databases:** PostgreSQL, SQL Server, MySQL, MongoDB, Aerospike
- Tools:** Docker, Git, Kafka, Postman, Swagger, Jira, Apache SVN
- AI/GenAI:** LLM APIs (OpenAI), RAG, Vector DBs (pgvector), LangSmith/Langfuse
- Frontend:** React, HTML, CSS, JavaScript, jQuery, AJAX

PROJECTS

- Login Page Generator (Python, OCR)** ([Link](#)) – Automated UI code generation from images.
- Portfolio Website (React + Vite)** ([Link](#)) – Dynamic portfolio site with Netlify deployment