

Punya Jain

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EXPERIENCE

Software Development Engineer Intern | GreyNext Software Consultancy

July 2026 – Present

Remote | [Offer Letter](#)

- Building and maintaining **multiple microservices** for scalable software solutions.
- Developing **AI-powered solutions, workflow automations, and backend APIs** using modern development tools.
- Contributing to feature development, debugging, testing, and code reviews in an Agile environment.

AI Intern | FaxLab Technologies

June 2026 – August 2026

Remote | [Offer Letter](#)

- Designed and built **multiple Generative AI applications**, taking ideas from prototyping to production-ready deployments.
- Integrated and evaluated **10+ LLMs, Tools, and providers** to **optimize** solution quality, cost, and performance **by up to 40%**.
- Developed **AI workflows, automation pipelines, and API-driven solutions, eliminating 80%+ of manual processing tasks and saving 15+ engineering hours** per week across projects.

Software Development Engineer Intern | Starportal

June 2025 – August 2025

Noida, Uttar Pradesh (Hybrid) | [Certificate](#)

- Led frontend development** improving application performance and reducing component re-renders
- Built a library of reusable UI components** consumed across **multiple modules**, accelerating feature delivery for **AWS** services
- Integrated and tuned backend APIs**, reducing average query execution time through indexing and query restructuring
- Contributed to end-to-end optimization** on multiple projects and microservices

TECHNICAL SKILLS

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

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

Backend: Node.js, Express.js, REST APIs, Authentication, Microservices

Databases: PostgreSQL, MongoDB, MySQL

Cloud & Tools: AWS, Docker, Git, GitHub, CI/CD

AI/GenAI: OpenAI API, Gemini API, LangChain, RAG, Semantic Search

PROJECTS

ApplyFlow (Ecosystem) | [GitHub](#) | *Python, Flask, PostgreSQL, Docker, n8n, Automation*

- Built a **distributed job aggregation platform** that scraped **8+ job boards** and automated job delivery using **n8n**, reducing manual sourcing effort by **80%**
- Developed a **resume parsing and skill matching engine** that extracts candidate information from resumes and matches it against job listings
- Designed scalable backend services using **PostgreSQL** and **Docker**, implementing query layer caching to reduce repeated search latency by **40%**

FinPilot (Backend API) | [GitHub](#) | [Live](#) | *Node.js, TypeScript, Express, PostgreSQL, Gemini, Hugging Face*

- Built a **production-grade REST API** with **15+ endpoints** delivering portfolio analysis workflows with **sub-second response times**
- Integrated **FinBERT (Hugging Face)** to perform financial sentiment analysis and combined sentiment scores with market indicators to generate buy/hold/sell recommendations
- Embedded **real-time web search** into the advisory engine, enabling contextual market insights and improving recommendation quality for asset queries

Document Intelligence System | [GitHub](#) | *Python, LangChain, OpenAI, ChromaDB, Vector Search*

- Built an end-to-end **Retrieval Pipeline** using **Python, LangChain, and ChromaDB**, processing PDF and text documents into **vectorized knowledge bases** supporting semantic search across thousands of chunks
- Designed a workflows handling **parsing, chunking, embedding, and vector indexing** for documents up to hundreds of pages
- Implemented **low-latency query pipelines** with semantic retrieval, response caching, and **conversation-history-aware context injection** for accurate multi-turn question answering

EDUCATION

JSS Academy of Technical Education

Noida, Uttar Pradesh

Bachelor of Technology in Computer Science Engineering

2023 – 2027

ACHIEVEMENTS & CERTIFICATIONS

Solved **350+** LeetCode problems across diverse Data Structures and Algorithms (DSA) topics.

Certifications: [Hugging Face Agents Course](#), Generative AI Fundamentals (Google), [AI Fluency Framework and Foundations](#)