

Punya Jain

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EXPERIENCE

Software Development Engineer Intern

July 2026 – Present

GreyNext Software Consultancy | [Offer Letter](#)

Remote

- Designed and maintained **5+ distributed microservices** with **fault-tolerant failover handling**, improving system uptime and supporting scalable, low-cost deployment across production environments.
- Collaborated across cross-functional teams**, thinking abstractly to design solutions for **ambiguous, undefined problems** in feature development, debugging, and code reviews, **presenting demos** to stakeholders for feedback.

Generative AI Engineer Intern

June 2026 – August 2026

FaxLab Technologies | [Certificate](#)

Remote

- Designed and built **4+ 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 workflow, 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

June 2025 – August 2025

Starportal | [Certificate](#)

Noida, Uttar Pradesh

- Led frontend development** by building 6+ reusable UI modules, improving application performance, reducing component re-renders, and 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 & Tools: PostgreSQL, MongoDB, MySQL, AWS, Docker, Git, GitHub, CI/CD, ChromaDB, Vector Search

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** & automated job delivery using **n8n**, reducing manual sourcing effort by **80%**
- Developed a **resume parsing and skill matching engine** that extracts information from resumes & 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*

- Developed a **production-grade REST API** (15+ endpoints) with **sub-second latency**
- 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 (RAG)** using **Python, LangChain, and ChromaDB**, processing documents into **vectorized knowledge bases** for semantic search across thousands of chunks
- Implemented **low-latency query pipelines** with semantic retrieval and conversation-history-aware context injection for accurate multi-turn Q&A

EDUCATION

JSS Academy of Technical Education

Noida, Uttar Pradesh

Bachelor of Technology in Computer Science Engineering

2023 – 2027

- Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Database Management Systems, System Design, Object-Oriented Programming, Computer Networks

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](#)