

Khushi Khurana

AI/ML ENGINEER

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INTERNSHIPS

Technology Intern

July 2025 – Nov 2025

Centricity Wealth Tech Pvt. Ltd.

Delhi, India

- Built a voice-enabled AI assistant (Angular 20, ASP.NET Core .NET 9) using Web Speech API and OpenAI GPT-3.5-turbo for real-time voice interaction – [GitHub](#)
- Designed a swappable AI service layer (live/mock) via dependency injection to keep frontend development unblocked during API quota limits

Artificial Intelligence Intern

Jan 2026 – Apr 2026

Unified Mentor Pvt. Ltd.

Remote / Gurugram, Haryana

- Delivered 4 AI analytics projects across hospitality, e-commerce, EdTech, and FinTech (avg. mentor rating 8.1/10) with AI-generated business insight layers
- Built custom indices (Aggregator Dependence, Academic Behavior, Loyalty Velocity) for risk/churn prediction across 1,600+ restaurants, 1,000+ students, and e-commerce segments

PROJECTS

Atlas – AI Financial Assistant | *Python, Groq LLM, PostgreSQL, Telegram API*

[GitHub](#)

- Built a multi-modal Telegram bot processing text, voice, images, and PDFs, delivering live market data with automatic API fallback for reliability
- Designed multilingual (English/Hindi/Hinglish) conversation with persistent memory and hallucination-prevention grounding

AI/ML Stock Screening & Trading Signals | *Python, PySide6, XGBoost, Angel One API*

[GitHub](#)

- Built a real-time screener for 2,400+ NSE stocks via Angel One's API on a multithreaded dashboard (zero UI blocking)
- Trained an XGBoost classifier (75.67% accuracy, leakage-free CV) improving signal profitability by +25.7pp (48.2% → 73.9%)

Multi-Source Research Agent | *LangChain, LangGraph, Gemini API, ChromaDB*

[GitHub](#)

- Built an autonomous agent that self-decides between PDF search, web search, and calculation tools based on confidence
- Diagnosed and fixed real agent-behavior bugs, including tool-avoidance and stale-result selection

PDF Study Assistant – RAG Q&A System | *LangChain, Gemini API, ChromaDB, BM25*

[GitHub](#)

- Built a RAG app from scratch with custom chunking, source attribution, and a confidence gate – scored 10/10 on test questions
- Added hybrid keyword+semantic search; open-sourced with 50,000+ LinkedIn views and 2 merged external PRs

TECHNICAL SKILLS

Generative AI & RAG: LangChain, LangGraph, Agentic AI, RAG, ChromaDB, Hybrid Search, Prompt Engineering, LLM Integration (Gemini, Groq), Whisper, Vision-Language Models

AI/ML: Machine Learning, Deep Learning, NLP, TensorFlow, XGBoost, Feature Engineering, Model Validation

Data & Backend: Python, Pandas, SQL, PostgreSQL, REST API Integration, Async Programming (asyncio)

Tools: Git, GitHub, Render, CI/CD (GitHub Actions)

EDUCATION

Panipat Institute of Engineering and Technology

Panipat, Haryana

B.Tech in Computer Science & Engineering (AI & ML), CGPA: 7.35/10

2022 – 2026

Little Angels Sr. Sec. School

Sonipat, Haryana

Senior Secondary (12th), Science – 75%

2022