

# AKSHAT JAIN

AI INTERN | BUILDING INTELLIGENT SOLUTIONS WITH DATA,

CODE & CLOUD

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## PROFESSIONAL SUMMARY

Analytical and self-driven Computer Science undergrad passionate about solving real-world problems through AI and ML. Skilled in building ML pipelines, GenAI tools, and scalable full-stack integrations using Python, SQL, and modern frameworks. Eager to contribute to impactful AI projects in dynamic startup environments.

## WORK EXPERIENCE

AI/ML & Web Developer Intern	Inheritx Solutions	May 2025 - June 2025
<ul style="list-style-type: none"><li>Built NLP-based bots for document QA, handling 200+ uploaded files using Pinecone and Gemini</li><li>Developed AI chatbots in Python &amp; JS, reducing manual query resolution time by 30%</li><li>Designed modular ML pipelines with Flask/FastAPI deployed on Dockerized Linux systems</li></ul>		

## PROJECTS

<b>RetainIQ – Employee Attrition Predictor (Capstone Project)</b>	<b>Flask, Next.js, PostgreSQL, Azure</b>
<ul style="list-style-type: none"><li>Built ML-driven dashboard to predict employee churn with 85% accuracy using HR analytics</li><li>Enabled 40% faster decisions via automated insights and risk scoring</li></ul>	
<b>NL2SQL Chatbot – NL to SQL AI Tool (Internship)</b>	<b>Python, Groq API, PostgreSQL, HTML/CSS/JS</b>
<ul style="list-style-type: none"><li>Created a chatbot converting natural language queries into SQL, connected to a live database.</li><li>Achieved 92% query generation accuracy using custom fallback mechanism and intent classification.</li><li>Enhanced user experience by integrating semantic error handling and UI-driven query builder.</li></ul>	
<b>Document Chatbot v2 – Semantic PDF &amp; Docx Q&amp;A Bot</b>	<b>Gemini, Pinecone, n8n, HTML/CSS/JS</b>
<ul style="list-style-type: none"><li>Implemented vector DB search using Gemini embeddings for contextual query answering</li><li>Supported multi-format uploads (PDF, DOCX, CSV), improving info extraction speed by ~50%</li></ul>	
<b>AI Policy Recommender – GenAI-based Planning Tool</b>	<b>Python, LLM API, Geo APIs, Pandas</b>
<ul style="list-style-type: none"><li>Created region-specific policy suggestions using terrain + demographic data</li><li>Cut manual drafting time by 40% across 10 simulated test zones</li></ul>	

## EDUCATION

<b>Kalinga Institute of Industrial Technology (KIIT) University</b>	Bhubaneswar, Odisha
Bachelor of Technology, Computer Science Engineering	Aug. 2022 – May 2026
CGPA: 8.38   Graduation: 2026 (Expected)	

## TECHNICAL SKILLS

**Languages:** Python, SQL, JavaScript, C++, HTML/CSS

**ML/AI Tools:** Scikit-learn, Pandas, NumPy, OpenCV, Groq API, Gemini, Pinecone

**Frameworks:** Flask, FastAPI, Next.js, Express.js, Tailwind CSS

**Cloud & DevOps:** GCP, Azure, Docker, GitHub, Postman

**Concepts:** Classification, Regression, Clustering, NLP, Embeddings, LLMs

**Dashboards/Visualisation:** Power BI, Seaborn, n8n

## CERTIFICATIONS & COMPETITIONS

- Full Stack Python Developer – AICTE Eduskills
- Full Stack .NET Developer (C#) – ExcelR Training (In Progress)
- Data Engineering with Azure – ExcelR Training (In Progress)
- Chronos GenAI Hackathon: Whisper-based meeting summarizer
- GDSC Hackathon: Built HopeHaven real-time donation platform
- L'Oréal Sustainability Challenge | SIH Hackathon | Providence Ideathon