

# YASHIT

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## SUMMARY

ML & AI Engineer (in training) with hands-on experience in Generative AI, NLP, predictive modeling, and building LLM-powered applications. Proficient in Python, ML pipelines, and feature engineering. Passionate about Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), AI agents, and recommendation systems. Seeking AI/ML internships for Summer 2026.

## TECHNICAL SKILLS

**Languages:** Python, C++, SQL

**AI / ML:** Machine Learning, NLP, Generative AI, Large Language Models (LLMs), Prompt Engineering, LLM APIs, Retrieval-Augmented Generation (RAG), Embeddings, Semantic Search, Recommendation Systems, Feature Engineering, Model Evaluation

**Frameworks & Libraries:** Scikit-learn, Pandas, NumPy, Flask, SQLAlchemy

**Tools & Platforms:** Git, GitHub, Jupyter, Power BI, Excel, Postman, IBM Watsonx, API Integration

**Cloud & Concepts:** IBM Cloud, SaaS, PaaS, IaaS, Data Visualization, Dashboards

## EXPERIENCE

**IIT Guwahati — Summer Analytics 2025** | Top 10 Percentile

May – Jul 2025

- Completed an intensive 6-week Data Science & ML program covering supervised learning, feature engineering, and model evaluation using Python, Pandas, Matplotlib, and Seaborn.
- Participated in collaborative workshops with Salesforce x GeeksforGeeks and AI Planet, applying ML concepts to real-world datasets.

**IBM / Edunet AICTE** | Cloud Intern

Jul – Aug 2025

- Designed and deployed a domain-focused AI chatbot for GATE exam preparation using IBM Watsonx, leveraging prompt engineering and LLM APIs to improve response accuracy.
- Gained hands-on experience with cloud computing paradigms (SaaS, PaaS, IaaS) and cloud automation workflows.

**Pickl.ai** | Data Analytics Intern

Jul – Aug 2025

- Transformed raw datasets into actionable business insights using Excel and Power BI; built interactive dashboards to track KPIs and visualize trends for stakeholders.

## PROJECTS

**Gen-AI Exchange — AI Marketplace for Local Artisans** — Python, Flask, Generative AI, NLP, 3D Rendering

- Problem: Local artisans lacked digital tools to present their work to global buyers. Built an AI-powered marketplace that auto-generates culturally rich product stories using Generative AI and NLP, paired with immersive 3D product visualization. Impact: Bridges the gap between artisans and global e-commerce buyers with AI-driven storytelling.

**PlacementReady — Campus Placement Prep Platform** — Python, Flask, NLP, Data Analytics

- Problem: Students lacked personalized placement preparation tools. Developed a platform featuring an AI mock interview system, a recommendation engine for personalized learning paths, and an ATS-optimized resume builder powered by NLP and analytics. Impact: Delivers end-to-end placement readiness with data-driven progress tracking.

**GATEPrepChatModel — LLM-Powered Exam Assistant** — IBM Watsonx, Prompt Engineering, LLM APIs

- Problem: GATE aspirants needed instant, accurate answers to domain-specific queries. Designed and deployed a chatbot using IBM Watsonx LLM APIs, iteratively optimizing prompts and retrieval strategies to maximize response relevance and accuracy. Impact: Demonstrates practical application of prompt engineering and LLM integration.

**Price Tracer — Real-Time Price Monitor** — Python, Web Scraping, BeautifulSoup

- Built a price monitoring utility that scrapes e-commerce sites for product price fluctuations and triggers automated user notifications when prices drop below a defined threshold.

**Python Chat App — Multi-Client Socket System** — Python, Socket Programming

- Developed a real-time multi-client chat system using Python socket programming and client-server architecture, supporting concurrent communication sessions.

## EDUCATION

**B.Tech CSE — AI & Data Science**

2024 – 2028 (Pursuing)

Kurukshetra University (KUK)

## CERTIFICATIONS & ACHIEVEMENTS

NexHack Hackathon (Geeta University) | Postman API Fundamentals Student Expert | Summer Analytics Certificate — IIT Guwahati | Building LLM Applications with Prompt Engineering | Workshops: Salesforce, GeeksforGeeks, AI Planet, Pathway | IAENG Member