

# LUCKY CHAUHAN

Bijnor, Uttar Pradesh

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## EDUCATION

Ajay Kumar Garg Engineering College, Ghaziabad <i>B.Tech in Information Technology, CGPA: 8.59</i>	2022 – 2026 <i>Top 5% of the Branch</i>
Kusum Devi Saraswati Vidya Mandir SherpurBall, Bijnor <i>Class XII (UP Board), Percentage: 89%</i>	2020 – 2022 <i>PCM</i>
Kusum Devi Saraswati Vidya Mandir SherpurBall, Bijnor <i>Class X (UP Board), Percentage: 85.5%</i>	2018 – 2020

## SKILLS

- Programming:** Python, C++, JavaScript(basics), SQL, C
- Web & Datastores:** HTML, CSS, Node.js (basics), Streamlit, MongoDB
- Cloud & DevOps:** AWS (fundamentals), Docker, GitHub Actions, ECR, EC2
- Libraries & Tooling:** scikit-learn, pandas, NumPy, Matplotlib, MLflow, Grafana, Git, langchain, langgraph(basics)
- Concepts & Practices:** Algorithmic design, Machine Learning, Deep Learning, Object-Oriented Design, MLOps pipelines, CI/CD automation, Model Serving

## INTERNSHIP EXPERIENCE

IBM <i>Frontend Developer Intern   Team Lead</i>	July 2025 – August 2025
– Directed a 4-member engineering group to construct the Dream Job Finder application; validated UX with <b>200+</b> user tests to refine discovery workflows. – Engineered 10+ modular React components and reusable UI primitives, accelerating frontend composition by <b>30%</b> . – Optimized RESTful API consumption and client-side caching patterns, increasing perceived responsiveness and reliability by <b>20%</b> . – Conducted weekly code reviews and paired programming to enforce code quality, testing discipline, and sprint completion.	

## PROJECTS

Agentic AI Chatbot using LangGraph (GitHub)	October 2025 – Present
– Developed an <b>Agentic AI chatbot</b> using LangGraph with state-based execution for controlled multi-step conversation flow. – Implemented a <b>Resume Chat feature</b> allowing users to query and interact with resume data through structured agent workflows. – Integrated <b>SQLite</b> for persistent storage of conversation state, user sessions, and chat history. – Enabled <b>real-time streaming responses</b> from the LLM, improving user experience and perceived latency.	
Sentiment Analysis Using MLOps (GitHub)	November 2025 – Ongoing
– Engineered an end-to-end MLOps workflow (ingestion → preprocessing → training → evaluation), reducing manual orchestration by <b>70%</b> . – Orchestrated dataset and model lineage with DVC and AWS S3 remote, guaranteeing <b>complete experiment reproducibility</b> . – Containerized the FastAPI inference service and automated CI/CD via GitHub Actions, reducing deployment latency to <b>15 minutes</b> . – Evaluated transformer and classical NLP architectures through a modular experimentation framework, achieving accuracy improvements of <b>up to 12%</b> .	
WhatsApp Chat Analyzer (GitHub)	March 2024 – April 2024
– Processed <b>20,000+</b> WhatsApp messages to extract temporal engagement patterns, behavioral indicators, and chat dynamics. – Built a regex-driven normalization pipeline with pandas to remove noisy artifacts and formatting inconsistencies, reducing noise by <b>85%</b> . – Synthesized analytical visualizations with Matplotlib, highlighting peak activity windows, emoji distributions, and temporal trends. – Compiled an interactive insights dossier that surfaced activity bursts, sentiment signals, and conversational flow metrics.	

## CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Certified Generative AI Professional (*Certificate*); Fundamentals of Machine Learning with Scikit-learn (Infosys Springboard) (*Certificate*); Python Programming 04 (Infosys Springboard); Oracle Cloud Infrastructure 2025 Certified Data Science Professional (*Certificate*)

## ACHIEVEMENTS

- Solved **500+** LeetCode problems (top 15% globally), demonstrating algorithmic reasoning and data-structure fluency.
- Solved **125+** GeeksforGeeks problems with a sustained practice cadence to improve pattern recognition and solution design.