

# LUCKY CHAUHAN

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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 SherpurBalla, Bijnor <i>Class XII (UP Board), Percentage: 89%</i>	2020 – 2022 <i>PCM</i>
Kusum Devi Saraswati Vidya Mandir SherpurBalla, 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
<ul style="list-style-type: none"><li>– 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.</li><li>– Engineered 10+ modular React components and reusable UI primitives, accelerating frontend composition by <b>30%</b>.</li><li>– Optimized RESTful API consumption and client-side caching patterns, increasing perceived responsiveness and reliability by <b>20%</b>.</li><li>– Conducted weekly code reviews and paired programming to enforce code quality, testing discipline, and sprint completion.</li></ul>	

## PROJECTS

<b>Agentic AI Chatbot using LangGraph</b> (GitHub)	October 2025 – Present
<ul style="list-style-type: none"><li>– Developed an <b>Agentic AI chatbot</b> using LangGraph with state-based execution for controlled multi-step conversation flow.</li><li>– Implemented a <b>Resume Chat feature</b> allowing users to query and interact with resume data through structured agent workflows.</li><li>– Integrated <b>SQLite</b> for persistent storage of conversation state, user sessions, and chat history.</li><li>– Enabled <b>real-time streaming responses</b> from the LLM, improving user experience and perceived latency.</li></ul>	
<b>Sentiment Analysis Using MLOps</b> (GitHub)	November 2025 – Ongoing
<ul style="list-style-type: none"><li>– Engineered an end-to-end MLOps workflow (ingestion → preprocessing → training → evaluation), reducing manual orchestration by <b>70%</b>.</li><li>– Orchestrated dataset and model lineage with DVC and AWS S3 remote, guaranteeing <b>complete experiment reproducibility</b>.</li><li>– Containerized the FastAPI inference service and automated CI/CD via GitHub Actions, reducing deployment latency to <b>¡5 minutes</b>.</li><li>– Evaluated transformer and classical NLP architectures through a modular experimentation framework, achieving accuracy improvements of <b>up to 12%</b>.</li></ul>	
<b>WhatsApp Chat Analyzer</b> (GitHub)	March 2024 – April 2024
<ul style="list-style-type: none"><li>– Processed <b>20,000+</b> WhatsApp messages to extract temporal engagement patterns, behavioral indicators, and chat dynamics.</li><li>– Built a regex-driven normalization pipeline with pandas to remove noisy artifacts and formatting inconsistencies, reducing noise by <b>85%</b>.</li><li>– Synthesized analytical visualizations with Matplotlib, highlighting peak activity windows, emoji distributions, and temporal trends.</li><li>– Compiled an interactive insights dossier that surfaced activity bursts, sentiment signals, and conversational flow metrics.</li></ul>	

## 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.