

# AKHILESH SINGH

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## EDUCATION

Bachelor of Technology - Computer Science and Engineering  
Maharishi Dayanand University, Rohtak, Haryana

2021-2025

## PROFILE SUMMARY

Dynamic learner with expertise in Generative AI and DevOps, mastering Azure AI Foundry and OpenAI models. Earned 6 Microsoft Learn badges till July 2025, including AI solution planning, model deployment, SDK development, prompt flow, responsible AI, and DevOps. Built innovative AI projects like a Text Generation Chatbot and AI Resume Critiquer, driving 95% user satisfaction. Seeking a GenAI internship to deliver cutting-edge AI solutions.

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## SKILLS

- Generative AI & NLP: Model Deployment (Azure AI Foundry, gpt-4o), Prompt Engineering (Prompt Flow, Responsible AI), NLP (Hugging Face, GPT-2)
- Programming & Tools: Python, Streamlit, Git, GitHub, Azure AI Foundry SDK, OpenAI API
- Cloud & Infrastructure: Azure AI Foundry Portal, Resource Management

## PROJECTS

### AI Resume Critiquer | [↗](#)

Built a Streamlit web app with OpenAI GPT for personalized resume feedback, achieving 95% user satisfaction on 100+ resumes using dynamic prompt engineering and PyPDF2 parsing. Deployed on Streamlit Cloud with secure API key management and automated feedback generation for job-specific roles.

### Fraud Detection Web App | [↗](#)

Developed a Streamlit app with Scikit-learn's Random Forest Classifier, delivering 90%+ F1-score for credit card fraud detection with real-time visualizations. Handled imbalanced datasets using SMOTE and integrated interactive dashboards for user insights.

### IPL Data Analysis Web App | [↗](#)

Built an interactive data analysis app using Python, Pandas, and Matplotlib to explore 12+ years of IPL match and delivery data. Extracted key insights on top scorers, six-hitters, toss impact, and match trends through clean visualizations. Deployed as a live dashboard with decision-driven plots for strategic interpretation.

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## CERTIFICATIONS

- Choose and deploy models from the model catalog in Azure AI Foundry portal, Microsoft Learn
- Introduction to DevOps, Microsoft Learn
- Develop an AI app with the Azure AI Foundry SDK, Microsoft Learn
- Get started with prompt flow to develop language model apps in Azure AI Foundry, Microsoft Learn
- Implement a Responsible Generative AI Solution in Azure AI Foundry, Microsoft Learn
- Plan and prepare to develop AI solutions on Azure, Microsoft Learn

## ACHIEVEMENTS

- Led Technical Club, organizing 5+ AI/ML workshops for 800+ students, increasing engagement by 30%.
- Orchestrated Tech Fusion, an inter-college event with 800+ participants showcasing AI projects.
- Secured 2nd place in a hackathon with an NLP-based chatbot, outperforming 25+ teams.