

# AKHILESH SINGH

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## EDUCATION

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

Ongoing - 2026

## 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 AI Resume Critiquer, driving 95% user satisfaction. Seeking a GenAI internship to deliver cutting-edge AI solutions.

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## SKILLS

### Programming & Tools

Python (basic knowledge, improving now)

OOP, NumPy, Pandas, Matplotlib, Streamlit – for interactive web apps, OpenCV & MediaPipe, Git & GitHub – version control and project hosting, Jupyter, Google Colab, Azure AI Foundry SDK, OpenAI API

### AI/ML Concepts

Regression & Classification, Computer Vision, Model Deployment (Azure AI Foundry, gpt-4o)

Starting with Machine Learning using scikit-learn

Interested in LLMs, LangChain, RAG, and local LLM tools (e.g., GPT4All, Ollama, LM Studio)

### UI/UX Design

Figma – wireframing, prototyping

Design Thinking, Typography, Responsive Design

Basic HTML/CSS

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## PROJECTS

AI Resume Critiquer | [🔗](#)

Built an AI-powered web app that analyzes resumes using NLP techniques to provide improvement suggestions, keyword insights, and ATS-friendliness scores.

Fraud Detection Web App | [🔗](#)

Developed a web app using Logistic Regression to detect fraudulent transactions. Integrated with Streamlit for real-time input and predictions.

IPL Data Analysis Web App | [🔗](#)

Performed EDA on IPL dataset using Pandas & Matplotlib. Built an interactive Streamlit app to explore team stats, player performance, and match trends.

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## COURSES & CERTIFICATIONS

- Business Analytics & Decision Making with Generative AI (In Progress)  
*BITSom – School of Management* | July 2025 – Present
- AI Model Deployment & Prompt Flow (Azure AI Foundry) (Microsoft Learn)
- Responsible Generative AI & AI Solution Planning (Microsoft Learn)

## ACHIEVEMENTS

Led Technical Club; hosted 5+ AI/ML workshops for 800+ students (↑ engagement 30%)

Organized Tech Fusion – inter-college AI showcase with 800+ participants

2nd place in hackathon (25+ teams) for NLP-based chatbot project