

# AKHILESH SINGH

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## EDUCATION

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

2021 - 2025

## PROFILE SUMMARY

Computer Science Engineering graduate with skills in Python, Machine Learning, Pandas, NumPy, and OpenCV. Experienced in AI/ML projects such as chatbot applications using LangChain and FAISS. Passionate about AI with strong problem-solving skills and eager to grow in the field of Artificial Intelligence and Machine Learning.

## EXPERIENCE

**AI/ML Intern | Zenithra Tech | On-site**

Oct 2025 – Present

Working on practical AI and ML solutions, worked on voice recognition APIs and building applications during testing phases to showcase capabilities. Currently expanding machine learning expertise through hands-on projects, experimenting with models, and applying data-driven solutions to real-world problems.

**Machine Learning Intern | Codveda Technologies | Remote**

Aug 2025 – Sept 2025

Successfully completed an intensive one-month internship focused on applying machine learning techniques to solve practical business problems. Developed three end-to-end data science projects, from data analysis and model training to deployment in an interactive web application format.

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## SKILLS

**Programming Languages:** Python, C, C++

**Data Analysis Tools:** SQL (MySQL), Microsoft Excel

**AI/ML Libraries & Frameworks:** Scikit-learn, Pandas, NumPy, Matplotlib, OpenCV, MediaPipe

**Developer Tools & Version Control:** Git, GitHub

**AI/ML Concepts:** Classification, Regression, Natural Language Processing (NLP), Computer Vision, LLMs, RAG Systems, LangChain

## PROJECTS

- **AI Intent Classifier:** Built an NLP-powered assistant using Google Gemini API to classify queries, provide direct answers, or generate web search URLs with real-time Python execution. [{link}](#)
- **AI Resume Critiquer:** Built an NLP-powered application to analyze resumes, providing users with keyword insights and ATS-friendliness scores to enhance their job applications. [{link}](#)
- **Fraud Detection Web App:** Engineered a classification model using Logistic Regression to identify fraudulent transactions and deployed it as a real-time prediction tool using Streamlit. [{link}](#)
- **IPL Data Analysis Dashboard:** Performed comprehensive Exploratory Data Analysis (EDA) on a large dataset and created an interactive Streamlit dashboard to explore team statistics and player performance. [{link}](#)

## COURSES & CERTIFICATIONS

- Business Analytics & Decision Making with Generative AI (In Progress)  
*BITSO M – 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

Department Head – Computer Science: Led student teams, managed technical workshops, and promoted AI-driven learning initiatives.