

Saksham

AI/ML Engineer

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Professional Summary

AI and Machine Learning professional with strong expertise in training, mentoring, and simplifying complex AI concepts for diverse learners. Experienced in delivering workshops on Generative AI, Python programming, AI awareness, and AI-powered productivity tools. Proficient in Python, TensorFlow, Scikit-learn, Pandas, NumPy, and Matplotlib, with additional skills in web development. Holds a Diploma in Automobile Engineering and industry experience at Renault, combining practical engineering insight with advanced computational skills. Skilled in curriculum design, content delivery, hands-on guidance, and building real-world AI learning experiences that empower individuals to adopt automation and data-driven decision-making.

Work Experience

Project Manager

NOVA INFO TECHNOLOGIES | India | Aug 2025 - Present

- ✓ Leading cross-functional teams to deliver data-driven software solutions and AI/ML projects
- ✓ Coordinating project timelines, resource allocation, and stakeholder communication
- ✓ Implementing agile methodologies and best practices to optimize team productivity

Data Science Intern

National Institute of Electronics & Information Technology | Ropar, Punjab | Aug 2025 - Feb 2026

- ✓ Conducting comprehensive research on emerging data science topics
- ✓ Supporting administrative functions and contributing to data analysis projects
- ✓ Mentoring and teaching students on data science fundamentals and Python programming

AI & Work Productivity Tools Program ✓ Trainer

DAV College | Jalandhar, Punjab | Jan 2024

- ✓ Conducted a comprehensive 7-days program on AI-powered productivity tools
- ✓ Trained participants on leveraging AI assistants and automation techniques
- ✓ Designed practical sessions with real-world use cases to improve digital efficiency

AI Awareness & Future Workshop ✓ Trainer

Lala Jagat Narain DAV Model School | Jalandhar, Punjab | Sept 2024 & Aug 2023

- ✓ Conducted interactive 2-days workshop for 50+ high-school students on AI fundamentals
- ✓ Designed sessions covering machine learning basics, AI career paths, and responsible AI use
- ✓ Engaged students through live demos, Q&A sessions, and activity-based learning

Service Advisor

Renault Showroom | Jalandhar, Punjab | Jul 2022 - Aug 2022

- ✓ Delivered exceptional customer service by diagnosing vehicle issues accurately
- ✓ Enhanced operational efficiency by 15% through effective collaboration with technicians
- ✓ Maintained advanced knowledge of Renault systems and service protocols

Projects

Car Price Prediction Model

Developed a machine learning model to predict used car prices based on features like brand, model year, mileage, and condition. Utilized regression algorithms and feature engineering to achieve high prediction accuracy, helping buyers and sellers make informed decisions.

Python | Scikit-Learn | Pandas | Data Visualization

Heart Disease Prediction System

Built a predictive analytics system using machine learning to assess heart disease risk based on medical parameters. Implemented classification algorithms to identify high-risk patients, supporting early intervention and preventive healthcare strategies.

Machine Learning | Python | Classification | Healthcare Analytics

Education

B.Tech. (Artificial Intelligence & Machine Learning)

CGPA: 7.8

DAV Institute of Engineering & Technology | Jalandhar, Punjab
April 2022 - March 2025

Diploma (Automobile Engineering)

CGPA: 8.0

Mehr Chand Polytechnic College | Jalandhar, Punjab
April 2019 - March 2022

12th Grade

Percentage: 84%

Amarnath Hindu High School | Kapurthala, Punjab
April 2020 - March 2021

10th Grade

Percentage: 75%

LJN.DAV Model School | Jalandhar, Punjab
April 2018 - March 2019

Skills & Expertise

Programming Languages

Python, R, HTML, CSS

Machine Learning & AI

Supervised Learning, Unsupervised Learning, Deep Learning, Neural Networks, TensorFlow, Predictive Analytics, Classification & Regression

Data Analysis & Visualization

Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, Data Preprocessing, Feature Engineering

Technical Skills

Model Development & Training, Model Evaluation & Deployment, Data Visualization, Algorithm Optimization, Web Development

Soft Skills

Project Management, Team Leadership, Communication, Critical Thinking, Problem Solving, Stakeholder Management, Mentoring & Teaching, Time Management, Collaboration

Languages

English, Hindi, Punjabi