

# Sumit Yadav — AI/ML Developer

Rohini Sector 15 – Delhi, India

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## Summary

Passionate AI/ML Developer with a strong foundation in Python programming and expertise in building and deploying machine learning models. Skilled in deep learning, NLP, and generative AI, with hands-on experience in cloud deployment and MLOps. Having experience leveraging open source tools and frameworks to deliver customized AI solutions to clients.

## Skills

**Programming:** Python, SQL, Bash Scripting

**Frameworks:** TensorFlow, PyTorch, Keras, scikit-learn, OpenCV

**Tools:** Docker, Postman, Google Colab, Git, Linux, Jupyter, VS Code, PyCharm, Streamlit, Flask, FastAPI, Hugging Face

**Cloud:** Google Cloud Platform (GCP), AWS, Render

**Technologies:** NLP, CV, Gen AI, Data Science, MLOps

## Experience

### NirmitAI.com

Delhi, India

Co-founder, AI/ML Developer

Jan 2025–Present

Under development: Developed front-end using AI coder and automated pipelines for APIs in back-end using Python, tested using Postman and deployed website using Docker and Cloudflare.

### iNeuron.ai

Bangalore(remote), India

Open Internship Data Science

May 2024–July 2024

Built a project from scratch based on recommendation systems. Dataset was provided by the company, the task was to build a robust book recommender web app. Docker, Python, Streamlit, Render.

### Servo Home Electricals

Kanpur, India

Business Analyst

Sep 2021–November 2023

Worked as the E-commerce Head and Business Analyst at Servo Home Electricals. Expanded and sold electrical appliances on the Government e-Marketplace(GeM).

### Cyient Ltd.

Noida, India

Jr. GIS Engineer

July 2019–Dec 2020

Worked on Autonomous Driving Solutions. Utilized GIS tools to process and annotate geographical data for speed-related analytics.

### Annakut Biscuit

Kanpur, India

Supervisor Warehouse

Apr 2017–June 2019

Supervised the arrangement of carton boxes of biscuits according to their flavor and color. Improved organization efficiency by 15%.

## Projects

**AI Chatbot:** Developed an AI chatbot using NLP techniques and large language models (LLMs) like GPT. Integrated APIs for seamless interaction and deployed using Streamlit.

**Book Recommender:** Implemented a recommendation system using collaborative filtering techniques. Optimized performance with matrix factorization and deployed using Streamlit.

## Certifications

**2023:** Data Science Masters - Physics Wallah

## Education

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**2016:** B.Tech - Dr. A.P.J. Abdul Kalam Technical University

## Interests

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**Agentic AI:** Exploring applications of AI Agents.