Sumit Yadav — AI/ML Developer

Rohini Sector 15 – Delhi, India

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 sumityadav329

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

Nordic Design House Pvt Ltd   **Gurugram, India**
AI/ML Developer   *Apr 2025–Present*
Developing enterprise resource planning web app, a website for the company.

NirmitAI.com   **Delhi, India**
Creator, Owner   *Mar 2025–Present*
Under development: Developed frontend using AI coder and automated pipelines for APIs in backend using Python, tested using Postman and deployed website using Docker and Cloudflare.

iNeuron.ai   **Bangalore(remote), India**
Intern 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 Images Generator: NirmitAI.com

Developing 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.

AI Chatbot: Demo

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: Demo

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

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

Interests

Agentic AI: Exploring applications of AI Agents.