

Sahil Sharma

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Professional Summary

AI/ML Engineer experienced in **Machine Learning, Deep Learning, Natural Language Processing (NLP) Fundamentals, and Cloud Computing (GCP)**. Skilled at designing **multi-agent systems, APIs, and automation workflows**. Proficient in Python, SQL, TensorFlow, LangChain concepts, and vector databases. Adaptive to translating business needs into scalable AI-driven solutions that reduce costs, increase efficiency, and improve decision-making.

Professional Experience

AI/ML Engineer — Smartians AI Pvt Ltd

Aug 2025 – october 2025

- Designed enterprise-grade AI/ML systems for automation, lead generation, and intelligent workflows.
- Developed the **Clyzo Outreach AI Agent**, increasing client engagement efficiency by 40%.
- Built RAG based chatbots for customer support, hiring, and operations using and **n8n, LLMs, and vector databases**.
- Created an **HTML-to-PDF Converter API (Python, FastAPI)**, reducing document preparation time by 70%.
- Implemented AI-powered resume screening pipelines, cutting recruitment screening time by 30%.

AI Intern — Swaran Soft Support Solutions Pvt Ltd

Feb 2025 – Aug 2025

- Built AI agents with **n8n, OpenAI, Claude, Gemini**, and Supabase.
- Designed multi-agent chatbot systems (**HelpBot, MeetBot, HiringBot**) supporting English, Hindi, and Hinglish.
- Automated personalized AI agent generation for freelancers and outreach campaigns.
- Created a Social Media AI Agent (Flux + NLP) to automate content generation, reducing manual marketing effort by 60%.

Data Science Intern — Hitachi India Pvt Ltd

Jul 2024 – Aug 2024

- Processed and cleaned large datasets.
- Delivered actionable insights using Python, Pandas, llms, and Power BI, enhancing supply chain decisions.

Key Projects

- **HTML to PDF Converter (Python, FastAPI, pdfkit)**: Developed an API service to generate ATS-friendly PDFs from HTML/URLs. Deployed in Docker, reducing manual document preparation.
- **Multi-Agent Customer Support Bot**: Designed a dynamic routing system managing task-specific agents .
- **Complaint Management Agent**: Fine-tuned LLM on DMRC dataset to classify intents and automate department-specific responses.
- **Clyzo AI Chat System**: Built OTP-authenticated chatbot enabling product search and query resolution for a chemical company.
- **Social Media AI Agent**: Automated image and text content pipeline using Flux and AI-generated captions.
- **Personalized AI Agent Builder**: Created a low-code tool for custom AI agents for lead generation and automation.

Education

2021 – 2025 B.Tech in Artificial Intelligence & Machine Learning at **Dr. Akhilesh Das Gupta Institute of Professional Studies, GGSIPU**
2021 High School Diploma (Science, 80%) at **Kendriya Vidyalaya, Keshavpuram**

Technical Skills

Programming	Python, SQL.
Machine Learning	Regression, Classification, Clustering algorithms
Deep Learning	TensorFlow, CNNs, RNNs, Transformers fundamentals
NLP	LLMs, LangChain, RAG, Text Classification, Sentiment Analysis by hugging face.
AI Agents	n8n, Make.com, Zapier, Multi-Agent Workflows
Databases	MySQL, PostgreSQL, Pinecone, Supabase
APIs	REST APIs, FastAPI, OpenAI, Gemini, Flux, RapidAPI
Cloud	Google Cloud Platform (GCP)
Tools	manus.ai, apollo.io, Perplexity , claude.

Certifications

- IBM – Internet of Things
- IBM – Applied Data Science Capstone
- Office Master – Excel and Power BI using AI
- IFACET (IIT Kanpur) – Data Science
- Simplilearn - n8n Course: No Code AI Agent Builder
- Simplilearn - Prompt Engineering with ChatGPT
- Simplilearn - Chatgpt for python
- Simplilearn - Langchain Course for beginners
- Simplilearn - Hugging Face Projects