

Aman murari singh

Data Scientist

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Summary	Data Scientist & AI Engineer with expertise in machine learning, deep learning, and AI agents . Passionate about building AI-driven applications that solve real-world problems. Developed Multi-AI Agent Systems , emotion detection models , and stock price prediction algorithms. Strong hands-on experience in Python, ML frameworks (TensorFlow, PyTorch) , NLP , and generative AI .	
Education	SIKSHA O ANUSANDHAN UNIVERSITY Science Mathematics	July 2024 - Present Bachelor of Technology
Projects	<div>Rag with Google Gemini Langchain+ Generative AI<ul style="list-style-type: none">Implemented Retrieval-Augmented Generation (RAG) using Google Gemini.</div> <div>Job Seeker web app 🌐 https://joober-ihw4.onrender.com Flask, HTML, CSS, Bootstrap, JavaScript, Python</div> <div>Dog Emotional Detection Technologies: PyTorch, Python<ul style="list-style-type: none">Developed a deep learning model to detect dog emotions using facial features.Achieved 95% accuracy using CNN and transfer learning.</div> <div>Machine learning Engineer Multi AI Agent<ul style="list-style-type: none">Built an AI-driven multi-agent system for task automation.Designed an architecture that allows seamless AI collaboration for complex workflows.CrewAI, Python</div> <div>Django-gpt Rag with django docs pdf Engineered an RAG-based chatbot for querying Django documentation.<ul style="list-style-type: none">Enabled efficient searching and answering from Django documentation PDFs and Internet search.</div> <div>Predicting stock prices Engineered a stock price prediction model using LSTM and ML techniques to improve portfolio forecasting accuracy.</div> <div>MovieLens dataset analysis Applied statistical modeling and visualized user behavior using Python tools.</div> <div>Built Gpt-2 and Deepseek architecture from scratch</div>	
Skills	<div>Programming Python, JavaScript, Rust, PHP, HTML, CSS</div> <div>Frameworks & Libraries Django, Flask, FastAPI, PyTorch, TensorFlow, Keras, OpenCV</div> <div>AI & ML Tools LangChain, CrewAI, AutoGen, LlamaIndex, Haystack</div> <div>Data Science Pandas, NumPy, Scikit-learn, XGBoost, Matplotlib, Seaborn, Plotly</div> <div>AI Models ANN, CNN, RNN, LSTM, GAN, Transformers</div> <div>Databases PostgreSQL, MySQL, Vector DBs (RAG, Retrieval-based AI)</div> <div>Leadership/Mentorship Roles</div>	
Certifications	Multi Ai Agent System Crewai 🌐 https://www.crewai.com Completed the Multi AI Agent System course under the guidance of the Founder & CEO of CrewAI	July 2024
	TensorFlow Bootcamp OpenCV University	July 2024
Awards	Pratibha Samman Award varsha Singh (D.M of Arwal)	July 2024