

Lova Kumar Poluparti

Data Scientist

CAREER OBJECTIVE

Dynamic and focused on achieving outcomes in my role, creating, and implementing training initiatives that improve worker engagement and performance. Competent in determining the needs for training, developing customized learning programs, and applying cutting-edge teaching techniques. Eager to support my organization's success by promoting a culture of ongoing learning and accelerating quantifiable gains in output and skill development.

Contact

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ACADEMIC RECORD

MCA – AI &ML

2022-2024

Jain University, Bengaluru (KA).

B.Tech – CSE.

2013-2016

GRIET Hyderabad.

WORK EXPERIENCE DETAILS

ROLE: Data Scientist

May 2025 – Present

L&L AI Solutions, Kakinada (AP).

I oversee the delivery of semester-long training courses to college students on the newest, cutting-edge technologies, such as cloud application developers, machine learning, deep learning, Generative AI, big data, etc. The major objective is to develop students' abilities and knowledge while assisting them in carrying out projects in the specialized field to raise the technology's overall efficacy. To get the most out of these IBM-certified courses, I will collaborate with management to determine the training needs and create strategies. I contribute to my team's personal growth, keep myself updated, and work to achieve organizational success.

ROLE: Data Scientist

June 2023 – Oct 2024

ExcelR ,Hyderabad.

Conduct both offline and online training sessions for college students. Explain concepts related to data analytics Machine learning ,NLP , Generative AI , Agentic AI in a clear and engaging manner. Create high-quality educational resources, including interactive presentations and practical exercises. Facilitate hands-on learning opportunities through real-world projects, case studies, and lab sessions. Provide personalized mentorship and support to address individual student challenges. Incorporate industry-relevant tools and technologies into the curriculum.

Project : AI-powered blog generation

Problem: Content creators, bloggers, and businesses often struggle to generate timely, well-researched, and high-quality blog content—especially on new topics, recent events, or emerging technologies. This project leverages Crew AI and an agentic multi-agent system to automate blog creation by coordinating specialized AI agents that research, write, and save blogs efficiently, reducing human effort and accelerating content production.

Description:

- Designed a multi-agent system using Crew AI and Agentic AI to automate the end-to-end process of blog creation on trending or complex topics.
- Integrated autonomous agents specialized in topic research, outline generation, content writing, and SEO optimization for high-quality blog output.

ROLE: AI Freelancer

Nov 2024 – Apr 2025

Edunet Foundation ,Hyderabad.

I design, implement, and assess training programs for UG/PG students to prepare them for internships, projects, and placement assessments. My expertise spans **Data Science, AI/ML, data analysis**, programming in **Python**, and **SQL**. I deliver engaging online and offline sessions, focusing on practical applications and real-world projects. By identifying learning gaps, providing tailored mentorship, and guiding students through end-to-end projects, I help them bridge the gap between theory and practice. I also collaborate with cross-functional teams to ensure the training is aligned with industry demands, enabling students to excel in technical interviews and career challenges.

ROLE: Data Science Trainer

June 2023 – Oct 2024

Gene Z Technologies ,Hyderabad.

Projects

Problem: Question and Answer on vendor documents to verify standards of different health Equipment Quality.

Description:

- Worked with CORL, a healthcare company, to assess the standards of equipment provided by vendors, covering diverse product standards within the documents.
- Designed and developed a well-versed, easily maintainable, reliable, and easily understandable private Q&A system using AI models required for the task.

Project:

Problem: YouTube hosts numerous videos with comments, requiring analysis to discern people's sentiment and generate summaries.

Description:

- Responsible for extracting video transcriptions and retrieving comments, likes, dislikes, and descriptions.
- Employing efficient methods to analyze large volumes of videos within tight timeframes.
- From this, political analysts can make some analyses on politicians, how people are reacting to schemes, and the impact on elections.

ROLE: Junior Data scientist

May 2023 – May 2024

Edureka , Hyderabad.

Manage and process student data to grant access to the Learning Management System (LMS). Provide students with accurate information regarding class schedules and course details. Identify the gaps in learning when working with students. Design and develop engaging study material and content. Perform backend updates and modifications related to website changes. Ensure data integrity and accuracy in student records and system databases.

ROLE: Data Research Analyst

April 2021 – May 2023

TECHNICAL SKILLS

Languages	Python, SQL , C
Frameworks and Tools	Scikit-learn, Pandas, Numpy, Matplotlib, NLTK, Seaborn, Tensor flow , Keras, Tableau, Jupyter Notebook, Visual Studio, flask, REST APIs, Postman, Git, Linux
ML Algorithms	Linear Regression, Logistic Regression, Decision Tree, Random Forest, SVM, K-NN, Naive Bayes, NLP, Gradient Boost , XG boost, PCA, K-means, Hierarchical Clustering, DBSCAN
Deep Learning	ANN, CNN, OPEN CV, Face Detection, Object tracking, Face Recognition, VGG19, LENET, ALEXNET, mobile net, RNN, LSTM, BERT
Gen ai	LLMs, GANs, VAEs, Transformers, RAG, LLaMA, Huggingface, OpenAI models like ChatGPT, Langchain, Llama Index ,Crew AI and Vector Database like pinecone, chroma db

Professional SKILLS

Data Science | Machine Learning | Deep Learning | Generative AI | Agentic AI

CERTIFICATIONS

Mastry in Generative AI & Agentic AI (01/2023 – 04/2024) Udemy

Full Stack Data Science (05/2020 - 05/2021) Almabetter

Tableau certification (09/2022 -10/2022) Udemy

IBM CLOUD

IBM DATA ANALYTICS

IBM GENERATIVE AI

LANGUAGES KNOWN

Telugu : Mother Tongue
English : Professional

DECLARATION

I Lova kumar Poluparti, do hereby confirm that the information given above is true to the best of my knowledge.

Lova Kumar P