

**Email:**

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**Phone:** +91 8885161078

**Location:** Hyderabad, India

**LinkedIn:**

linkedin.com/in/lova-kumar

**GitHub:**

github.com/lovakumar12

**Skills****Programming Languages:**

Python, C, MySQL

**Tools and Technologies:**

Tableau, Jupyter Notebook, Visual Studio Code, Colab Notebook, Excel, GitHub, Docker, REST API, Fast API, AWS EC2

**Frameworks and Libraries:**

Scikit-learn, Pandas, Numpy, Matplotlib, Seaborn, PyTorch, Keras, SpaCy, Transformers, llamaindex, Generative AI (LangChain, LLM APIs)

**Algorithms:** Linear

Regression, Logistic Regression, Decision Trees, Ensemble Models, KNN, K-means, SVM, NLP libraries (Spacy, NLTK, Hugging Face)

**Data Science****Specializations:**

Deep Learning, Generative AI, Statistical Analysis, Business Forecasting, Strong problem-solving skills

**Other Skills:**

Business Requirements Gathering, Analytical Thinking, Education And Training

# Lova Kumar Poluparti

**Summary**

Experienced Junior Data Scientist skilled in leveraging extensive datasets for actionable insights. Proficient in distribution, predictive, and hypothetical modeling techniques. Specialized in deep learning and generative AI, driving innovation and results. Committed to personal and professional growth, staying updated with the latest advancements. Thrives in dynamic environments, contributing to company progress while expanding skills.

**Experience****ExcelR – AI Trainer**

Hyderabad, India

Dec/2024 – current

**Roles and responsibilities:**

- Conduct both offline and online training sessions for college students.
- Explain concepts related to data analytics, Machine learning, NLP 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.

**Edunet Foundation – Subject Matter Expert (AI/ML)**

Hyderabad, Telangana

June 2024 – Oct 2024

**Roles and responsibilities:**

- Willing to conduct both offline and online training sessions for college students.
- Explaining concepts related to data analytics and AI.
- Facilitating hands-on practical sessions using IBM Cloud.
- I have Involved in creating high-quality educational resources, including interactive presentations and practical exercises, to enhance student understanding of data analytics and AI.
- Skilled in coordinating cross-team collaboration to create and implement complete end-to-end data science projects.

**Skills include:** Python, Mysql, tableau, Machine learning, deep learning, Generative AI

## Education

### **B.Tech. in Electrical and Electronics Engineering** *GRIET*

**Graduated:** May 2016

**Percentage:** 73.57%

### **Diploma in Electrical and Electronics Engineering**

Sir C R Reddy Polytechnic College

**Completed:** May 2013

**Percentage:** 87.43%

## Certifications

### **Full Stack Data Science**

*Almabetter*

May 2020 – June 2021

### **Tableau Certification**

*Udemy*

September 2022 – October 2022

## Hobbies And Interests

Reading Books

Trekking

E-Farming

## **Gen z Technologies - Junior Data Scientist**

*Hyderabad, India*

05/2023 – 04/2024

### **Projects**

- **Company Name:** CORL Technologies (health care company)
- **Role:** Junior Data Scientist
- **Problem:** Question and Answer 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.
- Finetuned the private documents with questionnaires tailored to meet specific requirements.
- Reduced manual workload by 20% and decreased the time required for verifying equipment standards by 30%.

**Skills Include:** Python, PyTorch, LangChain, Llama Index, RAG, Milvus DB

### **Project:** Political Analysis on youtube Videos

**Role:** Junior Data Scientist

**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.

**Skills:** Python Libraries, Natural Language Processing, LLM's

## **Worked on POCs**

- Invoice processing both PDF and scanned images using Pytesseract to parse output in the required format like json
- Audio noise cancelation using Python.
- PDF and PPT editing using Python.
- Exploring the hugging face models Donut, llama-1.5, clip llms.

## **EDUREKA - Data Research Analyst**

*Hyderabad, Telangana*

05/2022 - 05/2023

### **Roles and responsibilities:**

- 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.

**Skills include:** Python, Mysql, tableau, Machine learning, deep learning