Krishna KOMPALLI

Lead Data Scientist | Machine-Learning & AI Specialist

Contact

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⚲ Paris, France

About Me

Senior Data Scientist and ML Engineer with deep expertise in developing and deploying advanced machine learning solutions across healthcare, fintech, and education domains. Over 5+ years of hands-on experience building production-ready AI systems, from research and experimentation to scalable deployment. Proven track record of leading technical initiatives, mentoring junior data scientists, and translating complex analytical insights into impactful business outcomes.

Skills and Strengths

- **Programming Languages**: Python, R, SQL, Java, JavaScript & English (Yes, you heard it right).
- **Frameworks & Tools**: TensorFlow, PyTorch, LangChain, LangFlow, OpenCV, N8N, AirFlow, MLFlow & LlamaIndex.
- **Cloud & Deployment:** SaaS product development, AWS and, Azure.
- **Machine Learning Techniques**: Tree-based models (Random Forest, XGBoost), Clustering (K-means, DBSCAN), Time Series Forecasting, Regression Analysis, Anomaly Detection, Deep Learning (LSTM, CNNs)
- **Data Expertise**: Large-scale datasets, Temporal data analysis, Unstructured data processing (text, images), Cross-sectional analysis

Education

Programme Grande École (Management, Product)
EMLyon Business School, Lyon, France   2024

Master of Science (Machine Learning & AI)
Liverpool John Moores University, UK   2022

PG Diploma (Machine Learning & AI)
IIIT, Bengaluru, India   2021

Bachelor of Technology (Electronics & Communication Engineering)
SRM University, Chennai, India   2020

Experience

Lead Data Scientist
Flyers Soft Pvt. Ltd.   2023 – Present (Remote)
- Defined the technical AI roadmap, leading a team of 4 to deliver 5 major client-facing features in under 2 years.
- Automated end-to-end ML pipelines, reducing model deployment time from 4 weeks to less than 1 week.
- Achieved a 75% project conversion rate by building and presenting over 8 client-facing proof-of-concept models.
- Optimized a core recommendation engine, increasing click-through rate (CTR) by 22% and reducing latency by 30%.
- Pioneered fine-tuned LLM applications, creating a support agent to handle 20% of queries and a tool to save clients 10+ hours weekly.

Developer Advocate (Product)
Eden AI   2025 – Present (Lyon, France)
- Promoted product adoption by creating compelling content, tutorials, and technical documentation.
- Bridged client and development teams to facilitate user-centric product enhancements. Watch my tutorials here: https://youtube.com/@edenai2254?si=TSgT70Etw1lGmROb

Founding Team Member (AI Solutions)
Oncourse AI   Feb 2023 – Aug 2023 (Bengaluru, India)
- Developed Turing, an AI-driven data science server, enhancing the efficiency and scalability of educational solutions.
- Integrated advanced AI models to deliver robust, scalable solutions tailored to client needs.

Data Scientist
MFine   2022 – 2023 (10 months)
- Developed a 'Smart Search Bar' using BERT, improving search accuracy by 30%.
- Designed AI solutions for yoga pose verification using OpenCV, achieving a 90% success rate.

Software Engineer
Temenos India Pvt. Ltd.   2021-2022 (1.4 years)
- Built AI-powered virtual assistants for global banking clients using RASA, boosting operational efficiency by 40%.
- Enhanced chatbot interfaces for better user experience, achieving a 95% client satisfaction rate.