Krishna Kalakonda

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PROFESSIONAL SUMMARY

Full-stack data scientist with 2+ years of professional experience in developing AI-driven tools and data analysis applications. Pursuing a master's in data science at DePaul University to expand skillset. Strong expertise in AI, LLMs, machine learning, and data visualization, combined with leadership and teamwork capabilities.

EDUCATION

DePaul University   Chicago, USA
Master of Science in Data Science   Sept 2024 – Aug 2026

Rajiv Gandhi University of Knowledge Technologies   Basar, India
Bachelor of Technology in Electronics and Communication Engineering   Aug 2018 – May 2022

WORK EXPERIENCE

App Virality Technologies Pvt Ltd (Outplay)   Hyderabad, India
Associate Data Scientist   June 2022 – May 2024

- Developed multiple AI tools using LLMs and automation leading to 80% improvement in the email outreach.
- Developed objection handler using NER to identify the prospect objections, action items in sales emails with 95% accuracy.
- Collaborated on conversation intelligence tool to extract transcriptions, speakers, action items, performances from calls.
- Developed sequence generator using LLMs to reduce the sequence creation time by more than 90%.
- Collaborated on a phone verified system for validating contact information using AI, boosting call outreach by 120%.
- Designed an AI Sales Agent architecture, automating key workflows to increase the sales outcomes.
- Led multiple projects, independently managing the development process from concept to delivery.
- Collaborated with cross-functional teams for the integration and deployment of AI tools.
- Troubleshot API and system errors, providing rapid fixes and optimizing code to reduce errors by 90%.
- Expanded technical skills by contributing to UI and backend development, advancing to a full-stack data scientist role.

App Virality Technologies Pvt Ltd (Outplay)   Hyderabad, India
Software Engineer Intern   Jan 2022 – May 2022

- Researched on AI models to integrate AI capabilities into company tools.
- Prepared and analysed datasets, implementing quality checks.
- Learned the art of maintaining detailed documentation for projects.

TECHNICAL SKILLS

Languages & Frameworks: Python, R, JavaScript, Java, C, Matlab, HTML, CSS, React, FastAPI, Flask
Databases: PostgreSQL, MongoDB, MySQL
Developer Tools: Git, Tableau, Jenkins, DataDog, Label studio, Visual Studio Code, JIRA, Kubeflow, JupyterLab, Docker, Twilio
AI & ML: Machine Learning, NLP, Deep Learning, LLMs, NER, TTS, STT, Prompt Engineering, spaCy, Pytorch, Scikit-learn

CERTIFICATIONS

- Machine Learning with Python – Coursera
- Neural Networks and Deep Learning – DeepLearning.AI

AWARDS and ACHIEVEMENTS

- Received "Top Performer of the Month" recognition for exceptional performance in Outplay.
- Won "University Table Tennis Championship" in 2018.
- Ranked #1 in overall school performance in 2012,2015,2016.

EXTRACURRICULAR and VOLUNTEER EXPERIENCE

- **Event Coordinator:** Led planning and execution of university events, including technical fests, workshops, and cultural days, managing logistics, registrations, and technical support.
- **NSS Volunteer (2017-2021)**: Organized rallies, plantation drives, and awareness events on cleanliness and social causes.
- **SPIC MACAY Coordinator**: Promoted and organized cultural events and managed volunteer teams and technical support.
- **School Pupil Leader (SPL):** Represented the student body, coordinated events, and addressed student concerns.
- **Sports Captain:** Led school and university teams, encouraging participation and fostering performance excellence.