

JAYAPRAKASH V

Aspiring Data Specialist with a Bachelor's in Computer Applications and an MBA in AI and Data Science. Proficient in Python and SQL, with experience in demand forecasting and data analysis. Passionate about leveraging data to drive decision-making and enhance customer experiences

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Education

- MBA in AI & Data Science | **SRM University, KTR** | CGPA: 8.7 | June 2023 - Apr 2025
- Bachelor's in Computer Applications (BCA) | **Sri Sankara Arts and Science College** | CGPA: 7.2 | June 2020 - Apr 2023

Skills

Data Visualization: Power BI, Tableau | Query: SQL, Power Query | Automation: Microsoft Power Apps, Microsoft Power Automate | Programming: Python, R | Machine Learning: Supervised and Unsupervised Learning, Model Development | Deep Learning: Neural Networks, Model Optimization | NLP: Text Processing, Sentiment Analysis

Experience

Summer Intern, XCMG | June - July 2024

- Optimized daily processes, reducing time by 10 minutes per employee with automated emails
- Enhanced decision-making with a real-time dashboard, **saving 15 minutes per task** through automation
- Increased processing efficiency by **50 minutes per day** through an automated invoice generator
- Improved resource allocation by streamlining data management and reducing manual workloads

Achievements & Awards

- Runner-up in the Datathon event as part of TechnoVIT, **an international-level meet**, Sep 2024
- **Achieved 2 nd place out of 500 teams** in the national IIITDM Data Analytics Hackathon, 2024
- Advanced to the 2 nd round of the Woodpecker hackathon, 2024, **selected as (1/300) teams from 13,000+**
- Cleared the first round of Next Gen AI's national data science hackathon, competing against 800 teams, 2024
- Participated in strategic decision-making at the Agam International Level Management Game, 2024

Projects

- **Fraud Detection Model in Banking**
Developed a machine learning model that **achieved 94% accuracy in detecting fraudulent** transactions within a simulated banking dataset, significantly mitigating monetary losses and preserving customer trust. This project secured 2nd place in the VIT hackathon, demonstrating the effectiveness of identifying key factors associated with fraudulent activities
- **AI Email Classifier for Phishing Detection**
Building AI-based Email Classifier for Phishing Detection: Developed an **AI email classifier with 95% accuracy** to detect phishing attempts, such as fraudulent insurance claims, protecting hospitals. Leveraged NLP, Bidirectional LSTM, and TensorFlow for real-time monitoring
- **AI Candidate Evaluation Process**
Developed an AI evaluation system integrating sentiment analysis, emotional intelligence assessment, and resume filtering. Built a machine learning application that improved sorting accuracy, reducing screening time by 30% and enhancing candidate quality.

Certifications

- Google Advanced Data Analytics Certification on Coursera, 2024
- Python (Basic) certification from HackerRank, March 2024, solving 115/115 challenges
- Certified Python Developer status from Electronics & ICT Academy (Online), 2021

Extra-Curricular Activities

- **Achieved 4 th place** in a badminton tournament at Madras University ,2021
- Contributed as a volunteer at the **Para Fencing State Championship, Kanchipuram Stadium, 2022**