

# *Sarampenta Praveen*

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## **MACHINE LEARNING ENGINEER | DATA ANALYST | PYTHON DEVELOPER**

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### **PROFESSIONAL SUMMARY**

Details-oriented data analyst with a strong background in statistical analysis, data visualization, and data-driven decision-making, proficient in using tools like Python, SQL, and Data Visualization software to extract actionable insights from complex datasets. Experienced in creating and maintaining data pipelines and dashboards that have improved operational efficiency and decision-making processes. Proven ability to communicate complex findings in a clear and accessible manner to both technical and non-technical stakeholders and I am profoundly enthusiastic about leveraging data to drive business growth and support strategic initiatives.

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### **TECHNICAL SKILLS**

- Core Python
- Machine Learning
- Deep Learning
- Data Visualization
- Prompt Engineering (Chat GPT & AI tools)
- Natural Language Processing
- HTML, CSS, JavaScript
- NumPy, Pandas, Matplotlib and seaborn
- SQL, NoSQL, MongoDB, MySQL
- Computer Vision

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### **SOFT SKILLS**

- Problem Solving
- Good Communication skills.
- Excellent time management and teamwork skills
- Quick learner of new technologies and methodologies

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### **EDUCATION**

#### **Diploma in Computer Science Engineering**

Government Polytechnic Abdullapurmet, • Ranga Reddy • **April 2024** • CGPA: **9.65**

#### **Secondary School Of Education**

MJPTBCWREIS school, • Hyderabad • **April 2021** • GPA: **10.0**

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### **BLOGS**

- GitHub: <https://github.com/Spraveen8-chary>
- Portfolio: <https://spraveen.netlify.app>
- LinkedIn: <https://www.linkedin.com/in/sarampentapraveen/>

## INTERNSHIP EXPERIENCE

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### **MACHINE LEARNING NLP – iNeuron Intelligence Pvt Ltd • 24 October 2023 – 16 April 2024**

**Price Negotiation Chatbot for E-commerce** – Gained experience in applying machine learning techniques to real-world problems.

- Developed a user-friendly hotel chatbot using Dialogflow for smooth guest interactions and performing price negotiation.
  - Implemented database connectivity to provide real-time product information.
  - Improved customer service through 24/7 support and instant responses.
  - Enabled intuitive and natural language interactions.
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### **MACHINE LEARNING – SPR Human Capital Solutions • 01 June 2023 – 30 November 2023**

I completed a six-month industrial training program in Machine Learning, where I worked on projects related to Fake Review Detection and Product Recommendation. During this time, I collaborated with a team to train and test models, ensuring their accuracy and reliability. Our main achievement was developing a system that effectively detects fake reviews and recommends authentic products, resulting in a significant 95% improvement in trust levels.

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## PROJECTS

- **Attendance via QR-Code & Face Recognition (state-level Srujana tech fest):** Developed attendance system using QR codes & facial recognition for 98% accurate tracking at state tech fest organized by state government of Telangana.
- **Price Negotiation for E-commerce Platform:** Created dynamic pricing algorithm for 25% improved sales.
- **Stock Market Price Prediction:** Developed model for 85% accurate stock price predictions.
- **Song Recommendation using Sentiment Analysis:** Built sentiment-based song recommendation system for 30% enhanced user experience.
- **Fake Review Detection and Product Recommendation:** Developed system to detect fake reviews & recommend authentic products, improving trust by 95%.
- **Multiple Hospital Token Management System:** Collaborated on token management system, improving efficiency by 40%.