

Sarampenta Praveen
Data Scientist | Machine Learning Engineer

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PROFESSIONAL EXPERIENCE

Machine Learning Intern

24/10/2023 – 16/04/2024

iNeuron Intelligence Pvt Ltd,

- Gained experience in applying machine learning techniques to real-world problems.
- Implemented vector database connectivity to provide E-commerce product information.
- Enabled intuitive and natural language interactions.

Machine Learning Intern

01/06/2023 – 30/11/2023

SPR Human Capital Solutions.

I have completed a six-month industrial training program in Machine learning, where I worked on 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 as developing a system that effectively detects fake reviews and recommends authentic products, resulting in a significant 95% improvement in trust levels.

EDUCATION

Bachelor of Technology in Computer Science Engineering

2024 –Present

Keshav Memorial Engineering College, Hyderabad.

Diploma in Computer Science Engineering

2021 – 2024

SGM Govt. Polytechnic College, Hyderabad.

- **CGPA: 9.65**

Secondary School of Education

2020 – 2021

MJPTBCWREI SCHOOL, Hyderabad.

- **CGPA: 10.0**

SKILLS

Technical Skills

- Core Python
- Data Science
- Machine Learning
- Deep Learning
- NLP
- Generative AI
- Prompt Engineering
- Statistics
- HTML, CSS, JavaScript
- SQL, NoSQL, MongoDB, Cassandra

Soft Skills

- Problem Solving
- Good Communication skills
- Excellent time management
- Team work
- Quick learning of new technologies and methodologies
- Business Management

PROJECTS

- **Adaptive Learning Platform (Gen AI):** Developed an AI-powered platform that recommends courses based on user preferences, integrates interactive features like note-taking skill assessments, and offers personalized learning roadmaps with certifications.
- **S.E.A.R.C.H:** Developed an advanced information retrieval system leveraging Zephyr-7B and a RAG framework, enabling real-time text and image-based queries with precise, context-aware responses. Integrated a sub-query engine and code interpreter to reduce hallucinations and enhance reasoning.
- **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.
- **Fake Review Detection and Product Recommendation:** Developed system to detect fake reviews & recommend authentic products, improving trust by 95%.