

**Career Objective:**

Aspiring data scientist with a passion for leveraging data analysis and machine learning to drive meaningful insights. Committed to continuous learning and eager to apply my skills in real-world applications while contributing to a team

**Education:**

- B.Tech in Artificial intelligence & Data Science, Annamacharya Institute, Rajampet, (CGPA: 7.84) **2020-2024**
- Intermediate, Narayana Junior College, Kadapa, (CGPA: 8.32) **2018-2020**
- Secondary Education, Ravindra Bharathi School, Kadapa, (CGPA: 9.7) **2017-2018**

**Technical Skills:**

- **Programming Languages:** Proficient in Python for data analysis, statistical modeling, and machine learning.
- **Data Manipulation Libraries:** Strong command of Pandas and NumPy for efficient data handling and manipulation.
- **Data Visualization:** Skilled in using Matplotlib for creating insightful visualizations.
- **Database Querying:** Proficient in SQL for effective database querying and management.
- **Statistical Analysis:** Experienced in hypothesis testing and regression analysis for deriving actionable insights.
- **Data Management:** Expertise in cleaning, preprocessing, and wrangling data to ensure quality and usability.

**Professional Experience:****Data Scientist Intern | AiSPRY (Jan 2024 – May 2024)**

- **Project: Feathered Guardian - Smart Poultry Litter Tracking and Alert System** (Feb - April 2024)
  - Developed "Feathered Guardian," a cutting-edge Smart Poultry Litter Tracking and Alert System using AI and deep learning.
  - Implemented advanced algorithms for precise monitoring of poultry litter racking activities.
  - Designed a user-friendly interface for easy data access and trend analysis.
  - Contributed to optimizing poultry farm operations for enhanced productivity and sustainability.
- **Project: Enhanced Web Data Extraction and Chatbot Interaction** (Jan 2024)
  - Led Selenium Automation for strategic web data extraction from JNTUH Website.
  - Directed chatbot fine-tuning to boost user interaction.
  - Collaborated with teams to refine data sources and chatbot training requirements.
  - Developed and executed test cases to ensure data extraction and chatbot accuracy.

**Final Year Project:**

- **Plant Species Identification Model with Transfer Learning (OCT 2023 -MAY 2024)**
  - Developed a plant species identification model using transfer learning.
  - Achieved high accuracy by fine-tuning a pre-trained deep-learning model.
  - Curated a comprehensive dataset for rapid and precise plant species identification.

**Internship & Courses:**

- **Machine Learning Internship (March-April 2024)**
- **Platform: SkillDzire**
  - Completed a 1-month online machine learning internship, gaining comprehensive exposure to real-world ML applications.
  - Built and optimized machine learning models on real-world datasets, handling the complete workflow from data preparation to model evaluation.
  - Applied Python and ML libraries (Pandas, NumPy, Scikit-Learn) for data preprocessing, feature engineering, and model optimization to improve performance.
- **Internship On Full Stack Development (March-May 2023)**
- **Platform: Pantech eLearning**
  - Completed a 2-month online full-stack development internship, emphasizing learning in web development.
  - Engaged in virtual team collaboration to explore web application design and development using python etc.
  - Acquired a solid foundation in both front-end and back-end technologies
- **Online International Internship: Data Science (March-August 2022)**
- **Organizations: APSSDC (Andhra Pradesh State Skill Development Corporation) and IES Pvt Ltd**
  - Collaborated with APSSDC and IES Pvt Ltd on real-world projects like Screen Time Analysis, contributing to data-driven insights and solutions.
  - Developed proficiency in data manipulation, statistical analysis, and machine learning techniques, enhancing data-driven decision-making skills.

**Certifications:**

- Wipro TalentNext Course on Java Full stack (May-September 2023)
- NPTEL: Privacy And Security in Online Social Media (January-April 2023)
- NPTEL: Introduction To Industry 4.0 And Industrial Internet Of Things (July-October 2022)

**Extracurricular Activities:**

- I have completed several online courses on Coursera and edX, covering topics such as data science, SQL, Python, and more. Additionally, I am currently enrolled in courses that are still in progress
- Attended various webinars to stay updated on industry trends and insights like AI and blockchain technologies
- Proficiently leveraging organizational tools such as Notion as a second brain system for efficient task and information management
- Actively delving into self-improvement books

**Soft Skills:**

- **Clear Communication:** Expresses ideas effectively, fostering positive connections at work and in personal relationships.
- **Adaptability:** Easily adjusts to changes, whether in a professional setting or while handling personal challenges.
- **Problem-Solving:** Applies analytical thinking to address work-related issues and make sound decisions in daily life.
- **Time Management:** Efficiently organizes tasks at work and optimizes personal time for a well-balanced and fulfilling life.