

# SUGANDHA PARIMALA PONNALA

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## SUMMARY

Motivated and detail-oriented Computer Science graduate with hands-on experience in Python, SQL, Machine Learning, and Data Visualization. Strong analytical and problem-solving skills with a passion for extracting actionable insights from complex datasets. Seeking an entry-level role to apply my skills in solving real-world problems, contribute to innovative projects, and grow within a forward-thinking organization.

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## EDUCATION

**Girraj Government College**, Nizamabad, India

B.Sc in Computer Science; GPA: 7.5 | 2020 - 2023

**TSWRIS Junior College**, Nizamabad, India

Intermediate Education; GPA: 9.0 | 2018 - 2020

**T.S Model School**, Nizamabad, India

SSC Education; GPA: 8.7 | 2018

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## SKILLS

- **Programming Languages:** Python, SQL
- **Data Analysis:** Pandas, NumPy, Scikit-learn
- **Data Visualization:** Matplotlib, Seaborn, Power BI
- **Databases:** MySQL, MongoDB
- **Machine Learning:** TensorFlow
- **Deep Learning:** Neural Networks (CNN, RNN)
- **Tools & Platforms:** Jupyter Notebook, Google Colab, MS Office, VS Code
- **Soft Skills:** Communication, Problem-solving, Teamwork, Adaptability, Collaboration

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## INTERNSHIP EXPERIENCE

**Data Science Intern**

Unified Mentors | 2023

- Applied machine learning techniques to real-world datasets.
- Built and evaluated models using **TensorFlow** and **Scikit-learn**.
- Gained practical knowledge of **AI algorithms, Neural Networks, and Deep Learning**.
- Collaborated on projects involving data preprocessing and feature selection.

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## PROJECT

**Project Name: ECP (Energy Consumption Prediction)**

Technical Environment: Python, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn and TensorFlow.

- Built a machine learning model using Python and TensorFlow to predict energy consumption.
- Performed data cleaning, EDA, and feature engineering.
- Trained, tuned, and validated models using Scikit-learn and TensorFlow.
- Communicated insights through data visualizations and reports.
- Optimized data collection processes to capture key insights and drive better analytics.

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## CERTIFICATES

**Complete Machine Learning NLP-Bootcamp & MLOPS Deployment Complete – 2023 Udemy**

- Data Science Udemy Internship certificate demonstrates advanced skills in data analysis, machine learning, and statistical Modeling for data-driven decision-making.

**Using MySQL Databases with Python – 2023 Udemy**

- Knowledge of SQL syntax, queries, and database management. Implementing SQL Server, MySQL, or other specific SQL databases.