

# SURANGALA SYAM PEDDI SURESH

7997075366 | [sspeddisuresh8258@gmail.com](mailto:sspeddisuresh8258@gmail.com) | Hyderabad, Telangana, India  
LinkedIn: [www.linkedin.com/in/syam-peddi-suresh-surangala-579175246](https://www.linkedin.com/in/syam-peddi-suresh-surangala-579175246)

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## PROFESSIONAL SUMMARY

Enthusiastic and detail-oriented **Data Analyst Fresher** with a strong academic foundation and hands-on experience in data analysis, visualization, and SQL-based reporting. Proficient in Python, SQL, Excel, Power BI, and Tableau with practical exposure to analytics projects including fraud detection and HR analytics dashboards. Seeking an entry-level **Data Analyst / SQL Developer** role to deliver data-driven insights and support business decision-making.

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## SKILLS

**Data Analysis & Visualization:** Data Cleaning, EDA, KPI Dashboards, Reporting, Business Insights

**Programming & Querying:** Python, SQL

**Databases:** MySQL, PostgreSQL (Basics)

**BI Tools:** Power BI, Tableau, IBM Cognos Analytics, Looker

**Cloud & Tools:** Google Cloud Platform (Big Query – Basics), Excel (Advanced), Alteryx (Basics)

**Analytics Techniques:** Predictive Analytics, Statistical Analysis, Optimization Basics

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## PROJECTS

### 1.Credit Card Fraud Detection using Decision Trees and SVM

- Built a machine learning model to detect fraudulent credit card transactions using Decision Trees and Support Vector Machines.
- Performed data preprocessing, feature selection, and model evaluation to improve accuracy.
- Tools: Python, Scikit-learn, Pandas, NumPy.

### 2.HR Analytics Dashboard

- Designed an interactive HR analytics dashboard to analyze employee attrition, performance, and workforce trends.
- Created KPIs and visual reports to support HR decision-making.
- Tools: Power BI, Excel, SQL.

### **3.Image Analysis for Face Counting and QR Decoder**

- Developed a computer vision solution for face counting and QR code decoding.
  - Implemented image preprocessing and detection algorithms.
  - Tools: Python, OpenCV.
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### **INTERNSHIP EXPERIENCE**

#### **Data Analyst Intern – Alfido Tech | Remote**

**May 2024 – Aug 2024**

- Analysed structured datasets to identify trends and patterns.
  - Created dashboards and reports using Power BI and Excel.
  - Wrote SQL queries to extract and transform data for analysis.
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### **EDUCATION**

#### **Master of Science – Computer Science & Sanskrit Language Technology**

National Sanskrit University, Tirupati | 2022 – 2024

#### **Bachelor of Science – Mathematics, Statistics & Computer Science**

Sir C.R. Reddy College, Eluru | 2019 – 2022

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### **CERTIFICATIONS**

- IBM Data Analyst Professional Certificate
  - Google Cloud Data Analytics – Cloud Skills Boost
  - Exploring SAP Analytics Cloud – SAP
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### **ADDITIONAL INFORMATION**

- Availability: Immediate
- Willingness to relocate: Hyderabad
- Languages: English, Hindi & Telugu