SNIGDHA SRIDHAR

📱 +91 ...016 | ✉ snigdhasridhar1@gmail.com | 🔗 LinkedIn |
⭕ Github

Experience

NineStars Information Technologies Pvt. Ltd.   Bangalore
Research and Development Intern   Jan 2025 – Present
- Contributed to **AOTM.ai**, an AI-native platform focused on automating workflows and modernizing legacy systems.
- Built data pipelines using **Python, SQL**, and **Spark** to process large-scale data.
- Applied **LLMs and OCR tools** to handle unstructured text and document images.
- Designed and evaluated ML models using **accuracy, F1-score, AUC**, and **RMSE**.

Unified Mentor Pvt. Ltd.   Remote
Data Analyst Intern   Apr 2024 – Jun 2024
- Built a **predictive model** on **100+ restaurant datasets** to forecast **customer retention trends**.
- Applied **machine learning** techniques to extract insights, supporting strategic decisions.
- Cleaned and refined **95% raw data**; handled **10% missing values**.
- Boosted **model accuracy by 15%** through **advanced preprocessing** and **feature engineering**.

Projects

MNIST Handwritten Digit Recognition (Python, Machine Learning, TensorFlow)   *[GitHub Link]*
- Demonstrated handwritten digit recognition using the **MNIST dataset** with **60,000 training** and **10,000 testing** images.
- Preprocessed grayscale images of size **28x28 pixels** and applied machine learning techniques.
- Trained models to accurately classify digits from **0 to 9**, showcasing practical ML implementation.

Predicting Startup Success Using Regression Models (Python, Seaborn, Matplotlib)   *[Colab Link]*
- Analyzed **100+ startup datasets** to identify **key success factors**.
- Cleaned and preprocessed **90% of raw data** and handled missing entries.
- Developed and compared **14 regression models**, improving **prediction accuracy by 20%**.
- Visualized key insights using **Seaborn** and **Matplotlib**.

Technical Skills

Programming Languages: Python, Java, SQL, HTML, CSS, JavaScript
Programming Concepts: OOP, Data Structures and Algorithms, Probability and Statistics
Libraries & Frameworks: NumPy, Pandas, TensorFlow, SpringBoot, Selenium WebDriver, React.js
Tools & Platforms: Git, GitHub, AWS Cloud

Education

KGISL Institute of Technology   Jul 2021 – Jun 2025
Bachelor of Technology – Computer Science and Business System   CGPA: 8.98
- Awarded **100% Merit Scholarship** for academic excellence.

Bharathi ICSE   Jul 2019 – May 2021
12th Standard – Computer Science   Grade: 94.6%

Achievements

- Awarded **Five academic medals** during college and **secured Second rank** in the **Department of Computer Science**.
- **Published** a research paper on **Pill Detection using ML** at **IEEE Conference**, VIT Vellore, **2023**.
- Participated in the finals of the **Smart India Hackathon (SIH) 2023** held in **Bhopal**.

Certifications

- **CS50 Computer Science** by **Harvard University**
- **IBM Data Science Professional Certificate**
- **IBM Advanced Data Specialization**
- **CISCO Networking Essentials**
- **IEEE Research Paper Publication – Pill Detection with ML**