Siddharth Nadupalli

B.Tech | Computer Science and Engineering
Shiv Nadar University, Dadri, Greater Noida

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Skills

- **Programming Languages**: Python, Java, MySQL, Html/CSS
- **Tools and Framework**: PowerBi, Excel, Node.js, React.js, QGIS
- **Operating Systems**: Windows, Linux
- **Other Skills**: Data Analysis, Real-Time Data Processing, Deep Learning, Machine learning

Internships and Projects

•Data Analyst Intern *Jan 2025 – Present*

Blue Light Innovations LLP Hyderabad

– Developing a horse race prediction model using a **5-year global dataset**, leveraging OLS for feature selection.
– Preprocessed data and implemented various models, including **Logistic regression**, **SVM** and **Random Forest Classifier** achieving an accuracy of **88.55**.
– Utilized **Python** libraries such as **Pandas**, **NumPy**, and **Scikit-learn** for data processing and model development.

•DRDO Summer Intern *May 2024 – Aug 2024*

DRDL - DRDO Hyderabad

– Developed a real-time **Power Supply Management Dashboard** for precise control over voltage and wattage settings.
– Built the dashboard using **Node.js**, **Html/CSS** and **SqLite3**.

•Customer Success Team Intern *May 2023 – Jul 2023*

Digitamize Innovation Pvt Ltd Hyderabad

– Worked with the customer success team to create skills for the **Supervity Application** to develop automated walkthroughs across platforms such as **Google Drive**, **Webflow**, **Google Calendar**, and **Gmail**.

•Crop Area Estimation with WASSAN.Org

– Lead a project under **WASSAN**, an NGO, to develop a solution for agricultural area estimation using high-resolution orthomosaic drone images.
– Applied **Deep Learning** models like **VGG16** and **YOLOv8s** to classify land use into categories such as plantation vs. non-plantation, tomato vs. not tomato and land use vs. fallow land.
– Integrated geospatial visualization tools like **QGIS** for detailed analysis and presentation of crop distribution and land use patterns.

•Six Emotion Text Classification with Machine Learning

– Developed a text classification model to predict six emotions using **Support Vector Machine (SVM)**, **Logistic Regression**, **Random Forest**, and **Multinomial Naive Bayes**.
– Preprocessed text data through tokenization and **TF-IDF vectorization**, achieving an accuracy of **84.84** with **Random Forest**.
– Deployed the final model in a **Streamlit** web application for real-time emotion detection and prediction.

Education

B.Tech *Shiv Nadar University, Dadri*
2021-2025 CGPA: 6.8

Senior Secondary *Narayana Junior College - TS State Board*
2021 Percentage: 95.4%

Secondary *Panineeya Mahavidyalaya School - CBSE*
2019 Percentage: 91.6%

Certifications

Big Data Certification — UC San Diego, Nov 2021
Introduction to internet of things — NPTEL, Apr 2024
Ethical Hacking — NPTEL, Jul 2024
IBM Data Science Professional Certificate — IBM, May 2025

Positions of Responsibility and Achievements

–**Associate Manager**, Seek Discomfort Community *2022 - 2023*
–**Dean's List**,Semester 1 *2021*