

Syam Sundar Chegu

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CARRER OBJECTIVE

I am aspiring to be a software developer in an esteemed organization that can employ skills in programming and debugging with emotional intelligence, and I am passionate about learning emerging trends in technology.

EDUCATION

2019 - 2023	B.Tech (Electronics and Communications Engineering) Pragati Engineering College, Surampalem. <ul style="list-style-type: none">CGPA: 7.01
2018 - 2019	Intermediate Narayana Junior College, Nellore. <ul style="list-style-type: none">CGPA: 9.38
2016 - 2017	10th SSC Sri Sai Srinivasa High School, Lingasamudram. <ul style="list-style-type: none">CGPA: 8.5

TECHNICAL SKILLS

Programming Languages:	JavaScript, Python.
Frontend Languages:	HTML, Tailwind CSS, React JS.
Database Management Systems:	MY SQL.
Deployment Tools:	Flask, Render, Express JS.
Machine Learning:	Supervised Learning, Unsupervised Learning, Feature Engineering, Model Evaluation.
Natural Language Processing:	NLTK, Hugging Face, Transformers, Lang chain
Data Analysis:	Data Preprocessing, Statistical Analysis, Data Visualization (Matplotlib, Seaborn)
Tools and Libraries:	Scikit –Learn, Pandas, NumPy, Jupiter Notebooks, VS Code

PROJECT

Project 1: Automatic Hand Sanitizer without using Arduino

- The development of an automatic hand sanitizer without using Arduino demonstrates the possibility of creating a functional solution using alternative electronic components and circuitry. By utilizing sensors like Infared or ultrasonic sensors for hand detection and incorporating a motor or pump mechanism for dispensing the sanitizer, a reliable system can be achieved. This project emphasizes the importance of prioritizing safety, hygiene, and reliability when designing an automatic hand sanitizer system.

Project 2: IoT Based Wireless Sensor Network for Air Pollution Monitoring

- An IoT-based air pollution monitoring system allows real-time and continuous monitoring of pollutant levels, promoting smart urban management and sustainable development. It solves the problem of air monitoring in urban or commercial areas with low energy, low cost, and high coverage. In the future, it can also monitor greenhouse gases, photochemical smog, or LIDAR gases.

CERTIFICATIONS

- Got NPTEL Certification for the joy of computing using Python.
- Got Hacker Rank Certification for Python (Basics).
- Got Udemy Certification for the Build Responsive Real-World Websites with Html and CSS.

TRAINING AND INTERNSHIP EXPERIENCE

Machine Learning Bootcamp

Company Name: iNeuron – Online

Date Range: February 2024 – August 2024

- Completed an intensive bootcamp covering machine learning algorithms, statistics, Python programming, and exploratory data analysis (EDA)
- Gained hands-on experience with data preprocessing, feature engineering, model development, and evaluation.
- Built and deployed end-to –end machine learning models, with a focus on real-world applications like classification and regression problems.

Project Intern

Company Name: iNeuron - Online

Date Range: April 2024 – September 2024

- Received an [internship offer](#) from iNeuron to work on the **Credit Card Default Prediction** project.
- Successfully completed the project and earned an [experience letter](#) for the internship.

PERSONAL INFO

- Languages Known: Telugu, English.
- Hobbies: Playing Cricket and Badminton.

STRENGTHS

- Active and Fast Learner.
- I am eager to learn new skills.
- Enthusiastic and Positive Attitude.

DECLARATION

I hereby declare that the above furnished information is true to the best of my knowledge.

Syam Sundar Chegu