

Chilukuri Hemanth Sai Nag

B.Tech Computer Science and Engineering

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Career Objective:

I look forward to apply my technical skills and problem solving abilities at [Genworx.AI](#). As a keen enthusiast for [Genworx.AI](#), I am committed to driving innovation, continuously learning, and developing solutions that makes a meaningful impact.

Education:

B.Tech Computer Science and Engineering 2022-2026

Shanmugha Arts, Science, Technology

And Research Academy

CGPA: 8.351

Senior Secondary

2020-2022

Aditya Junior College

Percentage: 97.6%

Secondary

2019-2020

Aditya Public School

Percentage: 95.5%

Technical Skills :

Programming : C/C++,Python,SQL,Java.

Web Skills : HTML/CSS/JS, Bootstrap 5, Django.

Libraries/Frameworks : Pandas, Numpy, scikit-learn, Tensorflow.

Data Science: Machine Learning, Deep Learning, ETL, NLP.

Key Courses Taken :

Data Structures and Algorithms.

DBMS.

Machine Learning.

Deep Learning.

Data Science.

Web Development.

Certifications:

Python Django- The Practical Guide

Programming in Python 3.0, Programming in C

Complete Data Science, ML, DL and NLP Bootcamp

Projects:

Network Security - MLOps:

Built an end-to-end MLOps pipeline using Fast Api for data ingestion, transformation and validation. Automated model training with Random Forest, Decision Tree, Gradient Boosting, Logistic Regression and AdaBoost.

E-commerce Website - A2Z Cart:

Developed a responsive e-commerce we application using Django, SQL, HTML, CSS and Bootstrap and JavaScript. Implemented features like authentication product catalog, shopping cart, and order placement. Designed clean UI components and managed backend logic for smooth data flow and user interaction.

Deep Learning Driven Pest Detection:

Designed a deep learning based pest detection using GNN. VIT, FSL, and SSL models for precision agriculture. Integrated real time image processing with OpenCV and deployed lightweight models using TensorFlow Lite. Enable instant messages alerts for detected pests to assist farmers with timely intervention.

Languages:

Telugu : Fluent

English : Fluent

Hindi : Intermediate

Achievements:

Leetcode Badges,

Conduct IoT workshop,

Coding Ninjas Badges,

61- Easy, 103 - Medium, 16- Hard - Solved 180 coding questions in Leetcode,

100 Coding problems in GeeksForGeeks

75 coding problems in Coding Ninjas.

Key Strengths:

Quick learner, Problem Solving mindset, Detail-Oriented Team Player, Strong Communication Skills, Adaptability, Growth-Oriented Attitude, Time management, Creative thinking, Self motivated.

Declaration:

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