

# SHESHA SIMHA N M

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## OVERVIEW

I am a proactive third-year student at Global Academy of Technology, specializing in Artificial Intelligence and Machine Learning. My academic journey seamlessly blends with hands-on experience, marked by impactful projects in Machine Learning, Front-End Web Development, and Deep Learning. Proficient in these domains, my commitment to innovation, coupled with a determined drive to make meaningful contributions, positions me as an ideal candidate poised to excel in the targeted industry.

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## ACADEMIC DETAILS

YEAR	Degree/Exam	Institute	GPA/Marks
2021-2025	BE in Artificial intelligence and ML	Global Academy of Technology	7.95 / 10
2019-2021	Pre-University	S.G.P.T.A PU College	78.1 %
2019	CBSE (X)	Jnanodaya School	77.2 %

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## PROJECTS

### -> Research paper on VEHICLE MAINTENANCE using PREDICTIVE MAINTENANCE (2023)

Technology used: Python, Machine Learning Algorithms such as K-Means Clustering, XGBoost, SVM, Random Forest.

### -> Flappy Bird AI (2023)

Flappy Bird AI is a project that combines the iconic Flappy Bird game with artificial intelligence to enable autonomous learning. Technology used: Python, NEAT algorithm.

### -> Chatbot Using LSTM (2024)

It is a chatbot designed to assist users built on Keras functional API.

Technology used: Python, Tensor Flow, Neural network, Long-short-term memory (LSTM)

### -> Hand Gesture Project (2024)

A project exploring hand gestures for intuitive human-computer interaction, employing computer vision or wearable sensors for recognition and control. Technology used: Python, Machine Learning Algorithms.

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## SKILLS

**Technical Skills:** Advanced C, C++, Advanced Python, Intermediate JAVA, HTML, CSS, JAVASCRIPT, NoSQL, TYPESCRIPT, React.js, Figma.

**Soft Skills:** Teamwork, Communication, Team Leadership, Team Building, Public Speaking

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## CERTIFICATION AND ACHIVEMENTS

-> The Complete Python Bootcamp – UDEMY

-> The Complete 2023 Web – Development Bootcamp – UDEMY

-> Python for Data Science and Machine Learning – UDEMY

-> The Language of DevOps: DevOps Principles & Practices – Infosys Springboard

-> The Data Analyst Course: Complete Data Analyst Bootcamp – UDEMY

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## ACTIVITIES

-> Founding Core Committee Member of SOCIFY -

The social-media club of the Department of Artificial Intelligence and Machine Learning.

-> National Service Scheme (NSS) Member -

Participated in various community service activities through college, including health camps, blood donation drives, and environmental conservation programs.

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