

MUKILAN

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Chitlapakkam, Chennai-64

SUMMARY

Artificial Intelligence and Computer Science undergraduate with a strong foundation in programming, problem-solving, and modern software development practices. Proficient in Python and full-stack fundamentals, with exposure to machine learning concepts, data handling, and UI/UX principles. Adaptable learner who works well in collaborative environments and approaches technical challenges with a structured, analytical mindset.

EDUCATION

CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY

Expected June 2026

Bachelor of Computer Application (Artificial Intelligence)

NSN MATRICULATION HIGHER SECONDARY SCHOOL

April 2023

Chrompet, Chennai - 600044

PROJECTS

AI-Based Theft Detection System

Developed a computer vision-based surveillance system to detect suspicious activities in shop environments using CCTV footage. Implemented object detection and behavior analysis to identify potential theft scenarios.

Technologies: Python, OpenCV, Machine Learning, Firebase

Fake Image Detection System

Built a machine learning-based system to identify manipulated or fake images using digital image processing techniques. Focused on feature extraction, model training, and performance evaluation.

Technologies: Python, Machine Learning, Digital Image Processing

Real-Time Sign Language Translator

Designed a real-time hand gesture recognition system to translate sign language into text using live camera input. Utilized landmark detection for accurate gesture tracking and classification.

Technologies: Python, OpenCV, MediaPipe

Social Media Network Analysis Tool

Created a data analysis project to study social media interactions and trends using structured datasets. Performed text processing, keyword monitoring, and sentiment analysis in a notebook-based environment.

Technologies: Python, Pandas, NLP, Jupyter Notebook

TECHNICAL SKILLS

Programming Languages : Python, Java, C.

Backend : Python , Java .

Frontend : HTML, CSS, JavaScript, React, AngularJS.

Database : SQL , MongoDB , PostgreSQL.

CERTIFICATION

SalesForce – AgentForce Specialist .

Oracle – Cloud Applications.

MyCaptain – Python .

MyCaptain - FullStack Development (HTML,CSS,JavaScript,Node.js,Python,SQL,NoSQL) .