SAILLA RAGHURAJ

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I'm a proactive and results-driven Computer Science student at VIT Bhopal University with a strong passion for Machine Learning. I enjoy working in fast-paced environments and tackling real-world challenges with smart, effective solutions. With a solid foundation in Object-Oriented Programming. I'm committed to delivering high-quality work and always strive for continuous improvement. I have experience using automation tools and frameworks to analyze large datasets and extract meaningful insights. Alongside strong problem-solving skills, I bring clear communication and leadership qualities that help me work well in team settings and drive projects to successful completion.

EDUCATION

B. Tech in Computer Science Engineering with AIML

VIT Bhopal University • Bhopal, Madhya Pradesh • GPA: 8.52 • 10/2022 - 05/2026

Intermediate in Mathematics, Physics, Chemistry (MPC)

Trinity Junior College • Karimnagar, Telangana • GPA: 9.78 • 07/2019 - 05/2021

SSC in (10th)

Trinity High School • Peddapalli, Telangana • GPA: 9.5 • 04/2020

SKILLS

Technical: Python, Machine Learning, Computer Networks, Data Science, Generative AI, Computer Vision

Interpersonal Skills: Effective Communication, Decision-Making, Teamwork

CERTIFICATIONS

Applied Machine Learning with Python • 12/2023

Coursera

Privacy and Security in Online Social Media • 04/2024

NPTEL

Computer Vision • 12/2024

VITyarthi

PROJECTS

Human Activity Recognition • 01/2024 - 05/2024

Designed and implemented a 2D CNN architecture for human activity recognition that processed accelerometer data as 2D images, leading to significant improvements in classification accuracy, feature extraction, and reduction of false positives/negatives compared to traditional methods.

Panoptic Image Segmentation using Deep-Learning Models • 08/2023 - 11/2023

Developed a Panoptic Image Segmentation Model using Detectron2, achieving over 90% accuracy in object identification and semantic context, with significant improvements in handling complex scenes, including a 30% boost in robustness and 85%+ accuracy in challenging conditions.

LANGUAGES

English
Telugu
Hindi