SAILLA RAGHURAJ

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A proactive and results-oriented Computer Science student at VIT Bhopal University, deeply passionate about Machine Learning and adept at thriving in dynamic, high-pressure environments. Skilled in Object-Oriented Programming, with a proven track record in designing, implementing, and seamlessly integrating sophisticated software solutions to address complex challenges. Known for relentlessly pursuing excellence, I strongly commit to delivering superior outcomes through innovation and technical expertise. Proficient in leveraging automation tools and frameworks to monitor and derive actionable insights from extensive datasets, demonstrating a proactive approach to problem-solving. Strong communication skills and innate leadership abilities empower me to seamlessly collaborate within diverse teams, ensuring project success.

EDUCATION

B. Tech in Computer Science Engineering with AIML

VIT Bhopal University • Bhopal, Madhya Pradesh • GPA: 8.69 • 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