**SRI KALYAN BHAVANTHI**

MMMM Jersey City, New Jersey, USA | +1 201-423-0023 | srikalyanbhavanthi27@gmail.com GitHub: [github-srikalyanbhavanthi](https://github.com/SRIKALYANBHAVANTHI) LinkedIn: [linkedin-srikalyanbhavanthi](http://linkedin.com/in/srikalyanbhavanthi)

**EDUCATION**

**Montclair State University, New Jersey, USA**

Master of Science – Computer and Information Sciences (Aug 2023 – May 2025) - CGPA: 3.74 / 4

**St. Martin’s Engineering College, Hyderabad, India**

Bachelor of Technology – Information Technology (Aug 2019 – June 2023) - CGPA: 7.79 / 10

**PROJECTS**

**Image Morphing Techniques Using Python**

* Developed an image morphing tool using OpenCV, NumPy, and Dlib to create smooth facial transitions.
* Applied affine transformations and Delaunay triangulation for pixel mapping and blending.

**Human Activity Recognition Using Ensemble CNN**

* Built a physical activity detection system using ensemble learning with 3 CNN models.
* Achieved 94% accuracy on publicly available time-series sensor datasets.
* Tools: Python, Keras, TensorFlow

**Stress Detection Using Image Classification**

* Designed a system detecting mental stress in professionals using facial recognition and periodic survey data.
* Combined image processing and ML classification for real-time alerts.
* Tools: Python, OpenCV, Scikit-learn

**SKILLS**

**Programming/Technology:** Core Java, Python, C, HTML, CSS, Figma (UI/UX – Wireframes, Prototypes)  
**Databases:** MySQL  
**Frameworks and Libraries:** OpenCV, NumPy, Matplotlib  
**Tools/Project Management:** Git, VS Code  
**Cloud & Platforms:** AWS (Basics), Windows  
**Other:** Object-Oriented Programming, Problem Solving

**CERTIFICATIONS**

Python for Everybody Specialization – University of Michigan (Coursera)

Core Java- Qspiders/Jspiders, Hyderabad, India

AWS Certified Cloud Practitioner — Amazon Web Services (AWS)

Google UX Design Certificate – Google (Grow with Google)