Ganesh Satish Mallya

Machine Learning Engineer

Contact Information:
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Summary:
M.S. in Electrical Engineering from University of Southern California, specializing in Computer Vision and Machine Learning. Experienced Machine Learning Engineer with a strong background in Computer Vision, Digital Signal Processing, Image Processing, Computer Graphics, and various programming languages including Java, C/C++, JavaScript, Python, MATLAB, and Linux.

Skills:
- Computer Vision
- Computer Graphics
- Verilog
- FPGA
- RTL Design
- Digital Signal Processing
- Image Processing
- C/C++
- Java
- Javascript
- Python
- Machine Learning
- CUDA
- Software Engineering
- OpenCV
- Programming

Education:
M.S., Electrical Engineering, University of Southern California, Computer Vision and Machine Learning
B.Tech., [Name of Institute], [Year]

Work Experience:
Machine Learning Engineer, f7 labs (2017-Present)
- Utilizing machine learning algorithms to develop advanced computer vision systems
- Collaborating with cross-functional teams to design and implement machine learning models
- Implementing deep learning architectures using TensorFlow and PyTorch
- Developing software for FPGA and RTL design
- Designing and implementing image processing pipelines using OpenCV
- Building and maintaining CI/CD pipelines using Jenkins and GitHub Actions

Technologies:
- Linux
- Python
- TensorFlow
- PyTorch
- OpenCV
- Git
- Jenkins
- Docker
- Kubernetes

Projects:
[List of 15 GitHub projects with titles, descriptions, and links]

Certifications:
- TensorFlow Developer Certification (Google)
- Deep Learning Specialization (Coursera)
- Machine Learning Engineer Nanodegree (Udacity)

Languages:
- English (Fluent)
- [Optional: List any other languages spoken]

Interests:
- Playing Badminton
- Listening to Music