



# DARSHAN N

## AI/ML Engineer

Machine Learning & Computer Vision Specialist

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Location: Bengaluru, Karnataka, India

### PROFESSIONAL SUMMARY

Experienced Software Engineer with expertise in Machine Learning, Computer Vision, and Generative AI. Skilled in developing secure, scalable solutions using Python and Flask, with clean UI design, real-time data handling, and automated CI/CD deployment via GitHub. Proficient in building document automation tools, resume evaluators, and data-driven platforms using Azure OpenAI and cloud technologies.

### PROFESSIONAL EXPERIENCE

#### AI/ML Engineer | GradientM IT Consulting & Services Pvt Ltd

May 2025 - Present | Bengaluru, Karnataka | 4.6 Star Rating

- Built and deployed AI-powered Applicant Tracking System with advanced resume parsing and intelligent deduplication
- Developed Resume Evaluation System with GPT-4 integration featuring 6-criteria scoring and automated decision-making
- Implemented end-to-end candidate lifecycle management with real-time analytics dashboard and SLA tracking
- Created comprehensive compliance framework with Azure cloud integration, audit trails, and data security protocols
- Successfully deployed production applications on Azure App Service with responsive UI and multi-format file processing

#### AIML Developer (Freelancer) | BotRecruits Software Private Limited

November 2024 - March 2025 | Bengaluru, Karnataka

- Developed intelligent AI chatbot for StaffingGO application, resulting in 40% improvement in user engagement
- Integrated AWS SNS notifications system, enabling real-time communication and reducing response time by 60%
- Implemented serverless AWS Lambda automation for payment workflows, email processing, and notification systems

#### Machine Learning Engineer | Velospear Technologies

February 2024 - September 2024 | Bengaluru, Karnataka

- Led ML/DL/AI initiatives for advanced theft detection systems, achieving 35% reduction in security incidents
- Developed cutting-edge generative AI model using LLaVA and GPT-4o for comprehensive threat analysis and reporting
- Integrated high-performance multistream pipeline on Deepstream Nano device for real-time video processing

- Implemented robust AWS S3 data handling and publishing infrastructure supporting scalable data management workflows

## TECHNICAL SKILLS

Microsoft Azure	Azure Bot Services, Functions, Cognitive Services, OpenAI, AI Search, Storage
AI/ML Technologies	Machine Learning, Deep Learning, Computer Vision, Generative AI, NLP
AI Libraries	PyTorch, TensorFlow, Keras, Pandas, NumPy, Matplotlib
Cloud & Deployment	AWS (S3, Lambda, SNS), Deepstream, Jetson Nano, Docker
Model Integration	LLaVA, GPT-4o, Azure OpenAI, Data Annotation
Programming	Python, SQL, MySQL, Git, GitHub, REST APIs

## PROJECT PORTFOLIO

■ AI-Powered Resume Evaluation System	Azure Deployed   GPT-4 Integration	Production
■ Centralized Applicant Tracking System	Full-stack Platform   Real-time Analytics	Live
■ Threat Analysis & Weapon Detection	Computer Vision   Security Applications	Deployed
■■ Smart Road Safety AI Platform	IoT Integration   Predictive Analytics	Active

## KEY ACHIEVEMENTS

- Successfully deployed 2 enterprise AI applications on Azure App Service
- Achieved 40% improvement in user engagement through AI chatbot development
- Reduced security incidents by 35% using advanced ML/DL threat detection
- Improved response time by 60% through AWS SNS integration
- Built GPT-4 powered resume evaluation with 6-criteria automated scoring

## EDUCATION

### Bachelor of Engineering - Computer Science and Engineering

Jyothy Institute of Technology, Bangalore | July 2019 - June 2023

## PROFESSIONAL CERTIFICATIONS

- Deep Learning with PyTorch: Advanced Image Segmentation
- Image Classification with TensorFlow: Production Implementation
- Machine Learning Pipelines with Azure ML Studio
- Business Analysis & Process Management
- Deep Learning with PyTorch: Generative Adversarial Networks
- Ethical Hacking Certification - Python & SQL Security