HEMANT GHUGE

AI Engineer & Product Thinker

Email: hemant@example.com | LinkedIn: linkedin.com/in/hemantghuge
GitHub: github.com/hemantghuge | Location: India

PROFESSIONAL SUMMARY

Senior AI Engineer with 5+ years of experience developing and deploying large-scale computer vision and machine learning solutions. Proven track record of delivering AI systems across 9000+ ATMs and 1200+ retail locations, impacting millions of daily transactions. Currently transitioning into product management, combining deep technical expertise with growing product sense.

PROFESSIONAL EXPERIENCE

Senior AI Engineer   2024 - Present

â¢ Leading GenAI product development initiatives
â¢ Managing cross-functional product teams
â¢ Defining product roadmap and strategy
â¢ Mentoring junior engineers and product team members

AI Engineer   2020 - 2024

â¢ Deployed AI systems across 9000+ ATMs and 1200+ stores
â¢ Developed edge AI solutions for real-time processing
â¢ Optimized computer vision models for production environments
â¢ Led technical architecture and system design decisions

Software Engineer   2018 - 2020

â¢ Developed full-stack web applications
â¢ Implemented ML models and data pipelines
â¢ Designed scalable software architectures
â¢ Collaborated with cross-functional teams

KEY PROJECTS

ATM Vision System

â¢ Computer vision solution deployed across 9000+ ATMs
â¢ Real-time transaction monitoring and security enhancement
â¢ 99.7% accuracy rate with 40% reduction in security incidents

Pickup Assist GenAI

â¢ GenAI-powered product for optimizing pickup operations
â¢ 30% efficiency improvement across 1200+ retail locations
â¢ Led cross-functional product development and strategy

Fire Rescue System - ICCUBEA Best Paper Award

â¢ Automated fire rescue system for high-rise buildings
â¢ 60% reduction in emergency response time
â¢ 98.5% accuracy in fire detection and location

TECHNICAL SKILLS

AI & Machine Learning:

TensorFlow, PyTorch, OpenCV, Computer Vision, Deep Learning, Edge AI

Programming Languages:

Python, JavaScript, C++, SQL, MATLAB