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| Sreekanth Palagiri |  |  |
| Sr. Engineering Manager | Machine Learning & Gen AI  Recent Experience Sr Manager, ML Engineering, TCS IRELANdSep 2022 – Till Date **Team Management:** Successfully managed and developed a high-performing team of over 10 employees, demonstrating exceptional leadership and mentoring skills.  **Strategic Collaboration & Stakeholder Engagement:** Partnered with senior management to formulate strategic initiatives while employing effective communication techniques to foster relationships with stakeholders within the organization and with customers.  **Academic Collaboration & Mentorship:** Collaborated with academia, including the University of Limerick and Maynooth University, to mentor PhD students, guiding their transition to industry and highlighting key focus areas in AI and machine learning applications.  **Cross-Functional Collaboration:** Collaborated with Data Engineering, Data Science, and DevOps teams to streamline workflows and enhance project efficiency.  **Machine Learning Framework Development:** Led the solution architecture and development of a machine learning framework on AWS SageMaker, reducing the application build and deployment timeline from 9 months to just 3 months.  **GenAI Gateway Architecture:** Designed the solution architecture for a GenAI gateway, which abstracts calls to OpenAI, LLaMA3 and other LLMs while implementing robust guardrails for security and compliance. Senior Engineer, ML and ML platforms, VMWARE limitedJan 2018 - Aug 2022 **Machine Learning Platform:** Spearheaded the development of a machine learning platform on a managed Kubernetes cluster within a private cloud environment.  **Enhanced Document Search:** Led the creation of a search engine utilizing BERT, significantly improving document retrieval for the VMware knowledge portal.  **Case Management System:** Collaborated with support services to build an end-to-end case management system that automates service request (SR) routing and categorization. This system auto-resolves SRs using Natural Language Understanding (NLU) and workflows developed on vRealize Orchestrator, while also recommending solutions to support engineers.  **Enterprise Chatbot Development:** Directed the development of enterprise chatbots on Microsoft Teams to automate internal processes in finance, payroll, pricing, and IT operations.  **Master Data Management:** Developed a system utilizing fuzzy matching to prevent duplication of supplier, customer, and personnel master data in ERP systems, enhancing GDPR compliance. |  | Contact [sreekanth.palagiri@gmail.com](mailto:sreekanth.palagiri@gmail.com)(087) 783-8322Cork, Ireland Profile  Senior Engineering Manager leading high-performance engineering teams focused on building cutting-edge machine learning solutions, with a deep specialization in Generative AI. Adept at bridging the gap between business and technology, overseeing the full lifecycle of AI projects from conception to deployment. Strong expertise in managing cross-functional teams, implementing MLOps best practices, and scaling machine learning models to production in cloud and on-prem environments. A strategic thinker passionate about driving innovation through the integration of AI models to solve real-world problems and enhance business outcomes.  Education Masters, AI, MTU, IrelandB.Tech, Computers, JNTU, India Skills  Organizational and Talent Development, Cross-Functional Collaboration, Generative AI, Machine Learning, Deep Learning, Python, AWS, Sagemaker, Kubernetes, Agile, Git  Awards  [VM Radio](https://www.credly.com/badges/36437e51-5eee-49ba-9474-ec692edf0395?source=linked_in_profile) |
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