Contact

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om

www.linkedin.com/in/
shankervalipireddy (LinkedIn)

Top Skills

AWS SageMaker

AWS AI

AWS Security

Certifications

Introduction to AI in the Data Center

PMP(Project Management) Training

Monitoring Kubernetes Cluster using
Prometheus and Grafana

Building Conversational AI
Applications

Global Artificial Intelligence
Bootcamp

Honors-Awards

IBM Bravo Award -Best Employee

Patents

METHOD AND APPARATUS
FOR SMART ARCHIVING AND
ANALYTICS

Intelligent Data Access Across
Tiered Storage Systems

Shanker VR

Technologist - AI / ML | Gen AI | RAG | NLP | Azure AI | Semantic
Search | Ranking
San Francisco Bay Area

Summary

I am a Technology Leader with a deep passion for the world of AI/
ML and Natural Language Processing (NLP), Data Engineering. My
expertise lies in harnessing the power of Generative AI, particularly
RAG-based solutions, utilizing the latest open-source Large
Language Models (LLMs),including chatbots, summarization and
fine-tuning transformer-based models.

One of my strengths is leading and managing teams, where I've
leveraged my technical acumen to drive efficiency and innovation.
I'm dedicated to pushing the boundaries of what AI and ML can
achieve and look forward to new challenges and opportunities in this
dynamic field.

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Experience

Western Digital
9 years 1 month

Technologist , AI Engineer - AI/ML
September 2021 - Present (3 years 5 months)
Milpitas, California, United States

Principal Software Engineer - AI/ML, Big Data
January 2016 - September 2021 (5 years 9 months)
San Jose, California, United States

Cisco
Lead Architect- AI/ML and Data Architecture
September 2014 - December 2015 (1 year 4 months)
San Francisco Bay Area

NLP-driven Anomaly Detection for Cisco Networking Security.

Implemented an advanced anomaly detection system using Natural Language
Processing (NLP) tailored for Cisco networking devices. The primary objective

was to identify and flag unusual patterns and potential security breaches within the vast amounts of log data generated by Cisco network devices.

Franklin Templeton
Lead /Architect -ML, Big Data and Java
October 2010 - October 2014 (4 years 1 month)
Dublin, California, United States

• Responsible for leading team of engineers to provide Big Data, AI/ML and Java/J2EE solutions.

IBM , WIPRO   and CF India
Technical Leader/Software Engineer
June 2003 - October 2010 (7 years 5 months)

• Lead the team to design and develop Java/J2EE applications elevator.
• Developed the JSP pages, Oracle store procedures and full stack development.
• Unit testing of various modules. Attended customer calls and provide solutions using Java/J2EE, Struts, EJB, TIBCO, Sonic ESB, AngularJS, Spring, Hibernate

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Education

UC Berkeley College of Engineering
Certificate in Machine Learning and Artificial Intelligence

Illinois Institute of Technology
Master of Business Administration - MBA, Business Management with a Focus on Artificial Intelligence and Machine Learning

Kakatiya University, Warangal
Bachelor of Technology - BTech, Computer Science