



# Veera Babu Manyam



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## PROFILE

- <https://www.linkedin.com/in/vmanyam/>

## SKILLS

- AI Strategy & Governance
- Technology Roadmapping & Evaluation
- Cross-functional Team Leadership
- Stakeholder Management
- Vendor Management
- Agile & Scrum Methodologies
- Problem Solving & Innovation

## TECHNOLOGIES

- **AI & Machine Learning:** AI Agents, Large Language Models (LLMs), Generative AI, Natural Language Processing (NLP), Retrieval Augmented Generation (RAG), Prompt Engineering, Semantic Search, Machine Learning Principles.
- **Architecture:** TOGAF, Archimate, LeanIX
- **Project Management:** MS-Project, Jira
- **Security:** Micro-segmentation (illumio), Zscaler, TUFIN, Checkpoint, Aviatrix

## PROFESSIONAL SUMMARY

Enterprise Architect with 22+ years of experience driving large-scale digital transformations. Expertise in AI agent integration, cloud architecture, and network security across global enterprises. Proven leadership in aligning IT strategy with business objectives.

## KEY PROJECTS

### Enterprise AI Agent Governance Framework | E.ON

Developed comprehensive AI agent standards, architectural guidelines, and security governance frameworks to support safe, scalable integration of Large Language Models (LLMs) and AI agents within the enterprise. Included best practices for prompt engineering, vector database use, document handling, and retrieval-augmented generation (RAG) workflows.

### AI Agent Architecture for Microsoft Copilot | E.ON

Designed and developed an enterprise-grade AI agent proof-of-concept integrated with Microsoft Copilot, improving document translation and retrieval efficiency via RAG pipelines and vector databases.

### Zero Trust Architecture Implementation | E.ON

Successfully led a company-wide deployment of Zscaler ZIA/ZPA and Illumio microsegmentation, increasing security posture while reducing lateral movement risks.

### Unified Communication-as-a-Service Migration | Wipro

Led design and development of UCaaS for Wipro and migrated a global logistics client to Wipro UCaaS platform, enabling seamless collaboration, reducing costs by 25%, and improving SLA adherence.

## WORK HISTORY

September 2019 - Current

### Global Enterprise Architect, E.ON, Essen, Germany

As a *Global Enterprise Architect* based in Essen, Germany, I am responsible for leading the design and implementation of enterprise-wide network architecture to ensure seamless connectivity and scalability, supporting business growth. Leveraging my expertise in enterprise architecture and project management, I have successfully orchestrated digital transformation efforts and delivered outstanding results for E.ON.

#### *Key Achievements and Contributions:*

- Spearheaded the strategic integration of AI agents into the enterprise architecture, defining a roadmap to leverage Large Language Models (LLMs)

- **Network:** Zero Trust Networks, SD-WAN, SD-LAN, Wireless LAN, TCP/IP, DNS, VPNs, reverse proxies, routing, switching, Wide Area Networks (WAN), Campus LANs, Network Services (DNS, DHCP, and NTP)
- **Hyper-Converged:** Cisco HyperFlex, Cisco Cloud Center, Cisco UCS Director
- **Virtualization:** vCenter, vSphere, vNetwork, vStorage, vServices, Esxi Servers
- **Cloud Computing and networking:** Hybrid cloud, Azure, Aviatrix
- **Collaboration:** SIP, CUCM, Cisco Unity, Cisco Unified Presence, CUCDM, Cisco CallManager Express, Cisco Gateways
- **Microsoft:** IAM, Active Directory, MS-Visio
- **Compute:** HP, Cisco
- **Load Balancer:** Netscaler, f5
- **Video:** Telepresence, Webcast (vBrick)

## CERTIFICATIONS

- **Management:** Certified Management 3.0
- **Architecture:** TOGAF 9.2 – OpenGroup
- **Cloud:** AZ-305: Designing Microsoft Azure Infrastructure Solutions, AZ-104: Microsoft Azure Administrator
- **Service Management:** IT Infrastructure Library (ITIL) Foundation V3

and frameworks like LangChain, CrewAI, etc for enhanced automation and intelligent decision-making.

- Architected and led the development of a proof-of-concept AI agent for Microsoft Copilot Agents.
- Collaborated with cross-functional teams (Data & AI, engineering, business units) to design and implement scalable AI agent solutions, ensuring alignment with enterprise standards and security protocols.
- Evaluated and selected AI technologies, including vector databases and NLP libraries, to build robust and efficient AI agent capabilities across the organization.
- Developed and evangelized best practices for AI agent development, deployment, and governance within the enterprise architecture framework.
- Pioneered the use of Pydantic AI Agents with 'Retrieval Augmented Generation (RAG) agents' to address documents auto translations and chatting with documents demonstrating significant improvements.
- Ensured organizational performance improvement by leveraging enterprise architecture principles and practices, identifying gaps in clients' technology systems, and integrating better software and hardware applications in compliance with industry regulations.
- Translated enterprise needs into implementable technology solutions, enabling long-term success. Defined target state enterprise architecture, including associated roadmap and initiatives.
- Providing architecture leadership and influential guidance to IT teams across the region, ensuring that IT solutions and operations align with the established Enterprise Architecture standards and policies.
- Developed and executed enterprise architecture methodologies and long-term IT strategies, optimizing resource management, and enhancing security through zero trust principles.
- Led multiple technology mergers and carve-outs, enabling business acquisitions and mergers.
- Implemented Zero Trust Network principles using Zscaler ZIA and ZPA to enhance security and enable secure access for users and devices.
- Designed and deployed microsegmentation solutions with Illumio, achieving granular network segmentation and enhancing security.
- Optimized LAN/WAN infrastructure, resulting in improved data transmission speeds and 30% reduced downtime.

February 2016 - August 2019

**Senior Technology Architect**, Infosys Ltd

*As a **Senior Technology Architect** from Feb 2016 to Aug 2019, I provided technical leadership with full accountability for Enterprise Architecture orchestration and competency development, focused on delivering high-quality and cost-effective technology solutions.*

*Key Achievements and Contributions:*

- Successfully worked with large organizations in solution designing, architecture, and business development initiatives.

- **Virtualization:**  
VMware Certified Professional
- **Unified Communications:**  
Cisco Certified Voice Professional (CCVP Voice)
- **Network:** Cisco Certified Network Associate (CCNA)

## LANGUAGES

### English

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Advanced (C1)

### German

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Beginner (A1)

### Hindi

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Intermediate (B1)

### Telugu

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Intermediate (B1)

- Led and owned customer interactions, providing solution and commercial insights, and engaging in technical discussions.
- Built innovative solutions that strike a perfect balance between technical solutions, commercials, and pricing.
- Led and owned end-to-end technical aspects of the bids, ensuring seamless interlock with other practices.
- Drafted functional/technical design deliverables, furnished a final review for project deliverables, responded to RFPs, produced BoM, and outlined project scope and workflow.

July 2014 - January 2016

### **Solution Architect**, Wipro Technologies

As a ***Solution Architect*** from July 2014 to January 2016, I established a technology framework, developed high-performance IT infrastructure solutions, and delivered cost savings and increased flexibility for clients. I implemented an efficient and reliable product and service framework, collaborated with pre-sales teams, mitigated technical risks, optimized resource allocation, and authored key documents to enhance IT and project management functions.

#### *Key Achievements and Contributions:*

- Led a 15-member team in architecting and Oversaw testing, migration, and delivery for Cisco UCS, Cisco UC, HCS, and VMware products. Developed high-level and low-level designs for HCS projects.
- Designed and implemented Wipro's Unified Communication as a Service (UCaaS) and led the migration of a high-profile logistics company to the UCaaS platform.
- Directed the design and implementation of Wipro's Unified Communication as a Service (UCaaS) and led the migration of a high-profile logistics company to the UCaaS Platform.
- Successfully implemented best practices in Information Technology and Solution Architecture, offered technical leadership for Consulting Services projects, and earned the ***Champion Employee Award***.

February 2011 - July 2014

### **Solution Architect and Customer Support Engineer III**, Cisco Systems, Inc

As a ***Solution Architect*** and Customer Support Engineer III from Feb 2011 to July 2014, I was responsible for ensuring the design and integrity of customer network, hardware, and software systems. I led customer support initiatives, working closely with engineering and product teams to deliver exceptional technical solutions. Through strategic planning and execution, I achieved and exceeded SLAs, KPIs, and profitability targets, while maintaining high levels of efficiency and productivity. I oversaw seamless project testing, migration, and delivery, resulting in improved customer service, perception, and satisfaction levels.

- Orchestrated support for complex Cisco Unified Communications Systems, including Call Manager / Unified Communications Manager 4.x-9.x, Unity 4.x, Unity Connection, Gateways, CUPS, and CUSP
- Consulted with top two hundred clients such as Accenture, JPMC, GS, Verizon Wireless, AT&T as part of the High Touch Technical Support (HTTS) UC Team.

**Technical Solution Consultant**, HP Global Soft, Bengaluru - September 2008 - July 2010

**Senior Network Engineer**, CSC - March 2008 - September 2008

**Senior Network Administrator**, Wellinx, Inc - July 2007 - Marc 2008

**Network Administrator**, Wipro Infotech, Bengaluru - January 2007 - July 2007

**Senior System & Network Engineer**, Microwave Solutions Pvt. Ltd - January 2005 - January 2006

**Team Leader**, CMS Computer Ltd - January 2004 - January 2005

**Centre Manager**, TATA Infotech - January 2001 - January 2004

## EDUCATION

**POST GRADUATE DIPLOMA**, COMPUTER APPLICATIONS, APEL, Andhra Pradesh, India

**BACHELOR OF SCIENCE**, Andhra University, Andhra Pradesh, India

## ACCOMPLISHMENTS

- **Best Architect of the Year** - Wipro
- **Best Individual in Extra Miler Category** - Wipro
- **Individual Contributor Award** - Infosys
- **Award for Champion Employee** - CSC