Prasad Tilloo

Senior IT Leader & Enterprise Architect

Email: prasad.sgsits@gmail.com

Location: Frankfurt, Germany

LinkedIn: linkedin.com/in/prasadtilloo

Portfolio: prasadtilloo.com

Professional Summary

Results-driven Senior Architect & Engineering Leader with 15+ years of cross-industry expertise spanning banking, telecom, e-commerce, retail, healthcare, and AdTech. Proven track record of delivering transformative results through cloud-first digital transformation and AI-driven automation. Specialized in designing enterprise-scale systems that handle millions of transactions, achieving 99.99% SLA uptime and $1M+ cost savings.

Professional Experience

Solution Architect (DTC e-Commerce)
BRITA | Frankfurt, Germany | May 2025 – Nov 2025

- Led Shopware-to-Shopify Plus discovery across 6 EMEA markets.
- Designed headless reference architecture with Vue.js/Nuxt.js and Azure.
- Prototyped AI-driven search optimization.

Senior Technical Project Manager / Lead Architect
SINE Foundation e.V. | Berlin, Germany | Oct 2022 – Jun 2024

- Boosted adoption by 25% with PACT Online Catalog cloud marketplace.
- Defined global Tech Specification for Product Carbon Footprint with Microsoft, SAP, Siemens.
- Led WBCSD PACT Standard implementation with 20+ Fortune 100 firms.

Senior Engineering Manager (Freelance)
Delivery Hero SE | Berlin, Germany | Mar 2022 – Sept 2022

- Increased revenue by 20% across EMEA region by launching Display Ads product.
- Scaled system to support 5M+ daily transactions with 99.99% SLA.
- Led 10-member cross-functional team (iOS, Android, Golang).

Lead Architect
Boehringer Ingelheim | Ingelheim, Germany | Nov 2020 – Feb 2022

- Accelerated AI/ML insights by 50% through Enterprise Data Lake implementation.
- Led €500K cloud migration ensuring GDPR/PCI compliance.

Senior Manager
PricewaterhouseCoopers (PwC) | Chicago, USA | Mar 2015 – Oct 2020

- Led $650K cloud modernization program for healthcare systems.
- Designed pharmacy module boosting mobile app traffic by 70%.
- Co-developed cloud-based Enterprise Data Lake and domain-driven microservices.

Technical Skills

- **Cloud & DevOps:** AWS, Azure, GCP, Kubernetes, Docker, Terraform, CI/CD
- **Architecture:** Microservices, Event-Driven, Serverless, Headless Commerce, Domain-Driven Design
- **Languages & Frameworks:** Python, TypeScript, React, Node.js, Java, Golang, .NET
- **Data & AI:** AI/ML, RAG, Vector Databases, Data Lakes, Kafka, Spark
- **Compliance:** HIPAA, GDPR, PCI-DSS, SOC2, ISO 27001

Education & Certifications

Bachelor of Engineering (Computer Science) - S.G.S.I.T.S, India

- AI Agents Intensive (Google / Kaggle, 2025)
- Certified SAFe® 4 DevOps Practitioner (2019)
- AWS & Azure Architect Certifications