Ram Kumer – Executive CV

# 🔍 Professional Summary

Visionary and execution-focused Technology Leader with 25+ years of experience architecting and delivering enterprise-scale products and platforms, especially in startup and transformation environments. Proven success in driving digital modernization, leading cross-functional teams, and building cloud-native, high-performing engineering organizations from the ground up.  
  
Demonstrated ability to define product and platform strategy, lead full lifecycle delivery, and set up foundational engineering practices for scale — including microservices frameworks, micro frontends, and multi-cloud Kubernetes deployments across GCP and Azure. Strong focus on developer experience, security, observability, and performance optimization.  
  
Led innovation by implementing LLM-powered document automation, Retrieval-Augmented Generation (RAG) for semantic search, and chatbot integrations using Dialogflow, Twilio, and Spring Boot. Deep expertise in platform-level concerns including secret management (HashiCorp Vault), Kafka performance tuning, and DevOps streamlining with QA automation.  
  
A trusted partner to product and executive teams, delivering outcomes in complex, high-stakes environments. Adept at aligning engineering roadmaps with business goals, mentoring leaders, and scaling startup tech teams into mature product organizations.

# 🔧 Technical Skills

- Architecture & Cloud: Spring Boot, Dapr, Temporal, Kafka (performance tuning), OAuth2, GCP, Azure, Kubernetes (GKE, AKS), Helm, Terraform, HashiCorp Vault  
- Frontend: ReactJS, Redux, Webpack, Angular 7, Bootstrap 4, jQuery, HTML5  
- AI/ML & GenAI: TensorFlow (certified), Retrieval-Augmented Generation (RAG), LLM-based document AI, Dialogflow  
- Databases: MongoDB, Hibernate 4.2  
- DevOps & QA: CI/CD, GitOps, Bitbucket, Jira, Katalon Studio  
- Practices: Platform Engineering, Microservices & Micro Frontends, Product Lifecycle Ownership, Stakeholder Alignment, Security as a Platform

# 🏆 Key Projects & Achievements

- Foundation Framework & Micro Frontend Platform: Led design and delivery of reusable microservices foundation and micro-frontend platform using ReactJS, Webpack, Redux. Enabled modular delivery across GCP and Azure.  
- Kubernetes-Native Deployment Strategy: Defined deployment patterns for GKE and AKS. Integrated HashiCorp Vault and secret management into microservices workflows.  
- Kafka Optimization: Improved throughput and reliability by tuning Kafka producers/consumers and partition strategies.  
- AI-Powered Document Extraction: Built LLM-based extraction pipelines for home loan processing to reduce manual interventions.  
- Conversational AI: Developed chatbot solutions using Dialogflow integrated with Facebook, Twilio, and Spring Boot backend.  
- Product Ownership: Managed multiple releases, led full-cycle delivery from requirements to production for enterprise banking systems.

# 🎓 Education

B.E. Electronics Engineering

# 🎓 Certifications

• Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning – DeepLearning.AI (Coursera)