Manimaran Selvan

Cloud & Software Architect

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AWS Certified Solutions Architect — Professional

Architecting scalable, secure, and cost-efficient cloud and AI systems. 17+ years across modernizing legacy stacks, multi-cloud (AWS, GCP, & Azure), leading cross-functional teams, and delivering measurable outcomes.

EXPERIENCE

Senior Program Manager / Cloud Software Architect   Jul 2023 – Present
Pragya Consulting Services (Consulting Partner for Al Jazeera Media Network) · Brussels, BE

- Embedded within Al Jazeera Media Network leading cloud and AI modernization projects.
- Delivered observability playbook and QoS reviews → monitoring accuracy 95% and MTTR –25%.
- Built multi-cloud Video AI pipeline (Azure VI, GPT-4o, Vertex AI) processing thousands of hours.
- Migrated Cloud Run services to Jobs; integrated BigQuery & Cloud Monitoring at scale.
- Designed cloud-based (AWS, GCP, & Azure) architectures, ETL Pipelines, Data Warehouses, CI/CD workflows, and cost optimization frameworks.
- Developed Vertex AI based solutions and automated governance for observability & resilience.

Technical Product Manager / Software Architect   Aug 2017 – Jun 2023
Trilogy · Remote (Austin, TX)

- Drove CloudFix from concept to impact → $100M+ customer savings; $15M in first 3 months.
- Built GPT + RAG tooling for CRM and product ops; streamlined spec assembly and delivery.
- Scaled global delivery (5k+ workforce); co-managed 60+ TPMs.

Lead Software Engineer & Acting IT Ops Manager   Jan 2015 – Aug 2017
Trilogy · Remote (Austin, TX)

- Centralized IT for 5k+ users; automated workflows → ~85% cost reduction, 4× team productivity.
- Authored M&A IT transition playbooks; integrated 15+ acquisitions.

Earlier   2008 – 2014
Tissow · NallanTech · EMRG · YuMe

- Co-founded startups; built PCI-compliant fintech (Kachyng), equity markets tools (Marketinline), and e-commerce search (Humingo).
- Engineered ad-tech infra; led native mobile R&D; automated multi-env deployments.

SKILLS

AWS · GCP · Azure · Kubernetes · Serverless · Java · Python · Node.js · Spring · ETL · LangChain · Observability · Cost Optimization · Data Warehouse · Modelling (C4, UML)

EDUCATION & CERTIFICATION

B.Sc, Computer Science — Bharathidasan University

AWS Certified Solutions Architect — Professional (valid until Sep 2027)