Maruthachalamoorthy Kumarasamy

**Technical Product Owner** | Cloud Platforms & Digital Transformation

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# Professional Summary

Experienced **Technical Product Owner** with over 20 years in IT, leading cross-functional teams through the design, development, and delivery of enterprise-grade cloud products and digital transformation initiatives. Proven expertise in **product lifecycle ownership**, **Agile delivery**, and **stakeholder engagement** across AWS, Azure, and Oracle Cloud platforms. Skilled at defining and prioritizing product backlogs, aligning features with business outcomes, and delivering secure, scalable, and cost-optimized cloud-native solutions. A trusted advisor to C-level executives, with a strong record of bridging technology and business to drive innovation and measurable value.

* Specialized in leveraging **Cloud Adoption Frameworks (AWS CAF, Azure CAF)** and **Well-Architected Frameworks** to define product roadmaps, establish governance, and modernize platforms using **microservices**, **Kubernetes**, **Docker**, and **serverless architectures**.
* Proficient in **Infrastructure as Code (Terraform, CloudFormation)** and **DevSecOps** practices to support continuous delivery, automation, and operational efficiency in multi-cloud environments.
* Experienced in managing roadmaps and backlogs for cloud and platform products, delivering customer-centric features while ensuring compliance with **ISO 27001**, **NIST**, and **ASD Essential 8** security standards.
* Strong ability to **translate strategic business goals into actionable product initiatives**, ensuring cross-team alignment, measurable value delivery, and continuous feedback integration to refine product vision and execution.

# Education

* **Master of Science** in Computer Technology
* **Bachelor of Commerce** in Computer Science

# Professional Certifications

* **TOGAF Certified** – Demonstrates enterprise architecture alignment
* **CISSP** – Validates security expertise critical for cloud-based products
* **Azure Solutions Architect Expert**
* **AWS Solutions Architect – Associate**
* **Oracle Cloud Infrastructure Certified**

# Key Skills & Expertise

**🧭 Product Ownership & Agile Delivery**

* Strategic **product visioning** and **roadmap planning** aligned to business OKRs
* Expert in **Agile frameworks** (Scrum, SAFe), product increment planning, and iterative delivery
* **User story creation**, epic decomposition, and backlog grooming for feature prioritization
* Skilled in **requirements elicitation**, stakeholder interviews, and value-driven scoping
* Strong focus on **outcome-based delivery**, business value tracking, and KPI/OKR measurement
* Experienced in leading **Agile ceremonies** (sprint planning, reviews, retrospectives)

**🛠 Technical Leadership & Delivery Enablement**

* Expertise in **cloud-native architecture** (AWS, Azure, OCI) and multi-cloud solutions
* Hands-on with **application modernization**: microservices, containers (Docker, Kubernetes), and serverless
* Proficient in **Infrastructure as Code (Terraform, CloudFormation)** and automated CI/CD pipelines
* Embedded **DevSecOps** practices, security-by-design, and deployment automation
* Advocate for **observability**, cost optimization (FinOps), and platform scalability

**🤝 Stakeholder & Value Management**

* Effective communicator with **C-level stakeholders**, product sponsors, and business owners
* Leads **cross-functional collaboration** across engineering, DevOps, QA, and InfoSec teams
* Facilitates **customer journey mapping**, discovery sessions, and user feedback loops
* Presents solutions at **Architecture Review Boards (ARB)** and **Change Advisory Boards (CAB)**
* Aligns product delivery to compliance, security, and operational readiness goals

# Professional Experience

**Project Solution Architect – Cloud Transformation Portfolio**

TPG Telecom, Australia

Aug 2020 – Aug 2024 (Contract)

**Responsibilities:**

* Defined and maintained the **cloud product roadmap** to support enterprise digital transformation goals, covering infrastructure, application modernization, and security initiatives.
* Led **impact assessments and stakeholder workshops** to gather requirements across application, data, infrastructure, and compliance domains.
* Translated business needs into **technical product features and user stories**, ensuring alignment with enterprise policies, operational standards, and non-functional requirements.
* Owned and prioritized the **product backlog** for cloud migration and modernization efforts across AWS, Azure, and Oracle Cloud Infrastructure (OCI).
* Worked cross-functionally with architecture, DevOps, security, and engineering teams to deliver **scalable, secure, and cost-effective cloud-native products**.
* Conducted **POCs** for evaluating new IaaS, PaaS, and SaaS services and defined acceptance criteria for cloud product features.
* Enabled observability, cost transparency, and performance monitoring by integrating tools like **Splunk** and implementing **FinOps strategies**.
* Championed the adoption of **Infrastructure as Code (IaC)** and CI/CD pipelines for platform automation and faster time-to-value.
* Facilitated reviews with the **Architecture Review Board** and **Change Advisory Board (CAB)** for feature validation and governance compliance.

**Key Achievements:**

* Delivered six critical application migrations to multi-cloud (AWS, Azure, OCI) platforms using lift-and-shift, re-platforming, and re-architecting approaches.
* Reduced cloud spend by 20% through implementation of **license optimization** and **cloud governance frameworks**.
* Successfully migrated Oracle ERP and related data to **Oracle Cloud ERP and OCI**, enabling improved scalability and compliance.
* Implemented automated CI/CD pipelines and infrastructure provisioning using **Terraform**, **Ansible**, and **CloudFormation**, accelerating release cycles by 40%.
* Achieved full compliance with **ISO 27001** and **ASD Essential 8**, enabling secure and audit-ready cloud operations.

**Lead Architect / E2E Solution Architect**

Oracle Australia Pty Ltd

Apr 2016 – Jul 2020 (Contract)

**Responsibilities:**

* Owned the **product lifecycle** for digital transformation initiatives including application modernization, cloud migration, and SaaS enablement.
* Developed and managed **product roadmaps**, business cases, and MVP definitions for Oracle Cloud and hybrid deployments.
* Defined and maintained **API interface contracts**, data models, and platform capabilities to support multi-tenant enterprise applications.
* Translated business needs into **user stories**, led backlog grooming, and prioritized features based on customer value and technical feasibility.
* Collaborated with engineering, architecture, and DevOps teams to ensure successful delivery of cloud-native products on **AWS**, **VMware**, and **Oracle Private Cloud** platforms.
* Conducted **solution reviews** with architecture boards and internal stakeholders to validate alignment with enterprise strategy and compliance requirements.
* Integrated **data streaming and analytics** solutions using **Apache Kafka** and **Oracle GoldenGate** for near real-time insights.
* Oversaw cross-functional delivery teams, including onshore and offshore consultants, ensuring **on-time, in-scope releases** and adherence to agile delivery practices.
* Championed adoption of **CI/CD**, observability, and governance best practices across product delivery streams.

**Key Achievements:**

* Successfully led upgrade of API gateway platforms in AWS, improving API response times and scalability.
* Delivered HA/DR-compliant modernization of the Oracle BRM suite (BRM, ECE, PDC, and Offline Mediation), ensuring 99.99% availability for mission-critical workloads.
* Spearheaded transformation of 20-year-old legacy systems into modern Oracle Cloud applications, significantly reducing technical debt and operational risk.

**Senior Solution Architect – Cloud & Infrastructure Transformation**

Tech Mahindra Ltd – Australia

Mar 2006 – Apr 2016

**Responsibilities:**

* Owned solution delivery for large-scale IT transformation projects, including cloud migrations, ERP upgrades, and platform re-architecture.
* Collaborated with internal and client stakeholders to define **product strategies**, technical roadmaps, and value-driven business outcomes.
* Developed **end-to-end architecture documentation** and design specifications (HLD/LLD/interface contracts) for application integration, infrastructure modernization, and service delivery.
* Led cross-functional teams and facilitated architecture review boards to align on designs, priorities, and timelines.
* Managed **technical backlog**, coordinated delivery with internal teams and vendors, and supported presales with RFP/RFI responses and estimations.
* Led proof-of-concepts and **platform modernization prototypes**, influencing decisions on re-platforming, lift-and-shift, and cloud-native transformation.
* Oversaw migration of Java-based and Oracle Communication applications to private/public cloud environments, using strategies aligned with business continuity and scalability needs.

**Key Achievements:**

* Modernized and migrated 20+ core applications using hybrid strategies including **re-platforming, cloud lift-and-shift, and geo-redundancy**.
* Delivered infrastructure and application transformation that enabled **decommissioning of four data centers** and achieving >80% virtualization.
* Successfully implemented Oracle e-Biz ERP upgrade and **MVNO billing system migration**, resulting in improved operational reliability. Designed and launched **mobile and IP telephony provisioning platforms**, supporting business growth and service innovation.