Manimaran Selvan

Technopreneur | Strategic Thinker | Visionary

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# Summary

With over 15 years of experience in software engineering and a specialized focus in technical product management for the past six years, I've led key initiatives that have driven operational efficiency and business growth. My expertise spans across cutting-edge technologies like AI, cloud computing, and data analytics. I've consistently made high-impact, strategic decisions that have positively transformed the businesses I've engaged with. My leadership style is deeply collaborative; I excel in building and guiding high-performing teams, fostering an environment that encourages innovation and excellence. I'm seeking a challenging role where I can leverage my diverse skill set to drive technological innovation and business success.

# Achievements

**Strategic Leadership:**

* **Co-founded two startups**, gaining valuable experience in product development and business operations.
* Spearheaded **IT department consolidation**, resulting in annual cost **savings of $4.3M** through improved efficiency and resource management.

**Innovation:**

* **Increased delivery throughput by 5x** through the implementation of SLA-driven lean assembly lines.
* Authored **hundreds of technical specs** in areas including product teardowns, functionality, process improvements, and design, showcasing my ability to adapt and innovate.

**Collaboration & Transformation:**

* Instrumental in the successful integration and product rollouts of Jive Software following its **$462 million acquisition**, managing knowledge transfers, attrition, and compliance.
* Contributed to CloudFix specs, resulting in annual internal savings of **$18.3M** and over **$100M** in customer savings.

**Analytical Excellence:**

* Scored in the **top 1% among 5 million** CCAT test takers globally, highlighting **strong cognitive abilities**.
* Authored 5K rewrite specs that modernized legacy software, reducing lines of code from **millions to just 5,000**.

**Impactful Contributions:**

* Led **end-to-end architecture** design and implementation for **over 10 software platforms**.
* Implemented **cost-saving measures**, infrastructure, and deployments, on **at least 5 occasions** demonstrating a **well-rounded understanding of product lifecycle and operations**.

# Area of Expertise

# Strategic Planning | Leadership & Team Collaboration | Agile & Lean Methodologies | Continuous Improvement | Product Vision & Mission | Vendor Management | Stakeholder Management | Change Management | Software Engineering | Decision Making | Coaching/Mentoring | People Management | Cross-functional Collaboration | Conflict Resolution | Emerging Technologies

# Technical Expertise

# Serverless (API Gateway, AppSync, Lambda, EventBridge, Step Functions) | Cloud Technologies (AWS, GCP) | Release Management (Gradle, Maven, Jenkins) | Programming Languages (Java, Groovy, Javascript, Python) | Testing (UAT, Alpha, Beta, A/B Testing) | Databases (MySQL, PostgreSQL, MongoDB, DynamoDB, Neptune, Redis, Athena) | Containers (Docker, K8s) | API (REST, GraphQL) | VCS (Git, SVN, CVS) | Prototyping (Figma, Balsamiq) | Messaging (SNS, Kinesis, Kafka) | Diagramming (Lucidchart, Draw.io) | Data Visualization (Quicksight, Grafana)

# Certificates

[Aha! Product Management Professional Certificate](https://www.linkedin.com/learning/certificates/3584ff4e6ee7e2b8dadcd32c6e4e1ea494992f1c49e4d1b7612ff66c345b9ce5)

[freeCodeCamp – Javascript Algorithms and Data Structures](https://www.freecodecamp.org/certification/mselvan/javascript-algorithms-and-data-structures)

# Work Experience

## Trilogy Enterprises, Inc. Austin, Texas (Remote)

### Technical Product Manager, Founding member of the Central TPM business function. Aug 2018 – Jun 2023

* Revolutionized the work allocation and delivery process by implementing assembly lines, enabling 24/7 operations for a globally dispersed workforce.
* Executed initiatives that resulted in over $15M in cost savings, ultimately leading to a new cost optimization product called CloudFix that saved $100M so far.
* Collaborated closely with a retiring VP, co-managing a team of 60+ Technical Product Managers, setting up productivity monitoring, and preparing to step into the VP of TPM role.
* Crafted technical specifications incorporating critical technical decisions derived from thorough experimentation and analysis.
* Created essential tools to facilitate ordering specs, search, certifications-based work unit buckets, stack ranking, and successful CTO bootcamps.

### Lead Software Engineer, Acting IT Ops Manager. Jan 2015 – Jul 2018

* Successfully centralized IT Ops across portfolio companies, supporting a globally dispersed workforce of 5000+, resulting in 85% cost savings.
* Coached and managed a team of 20+ senior SREs, developing automation, imports, and managing production environments.
* Written playbooks for transitioning/integrating IT systems during M&A.
* Liaised with Software Engineering Leaders to set up productivity reports and a unified JIRA workflow for various business functions.

## Tissow Technology Ventures, LLP. Chennai, India

### Technical Co-founder. Nov 2013 – Dec 2014

* Directed the end-to-end architecture design, software development, implementation, and maintenance of Humingo, an e-commerce product aggregation and discovery platform.
* Successfully revamped Ticketgoose, a bus operator management and ticketing platform, by adopting modern technologies and simplifying the architecture in a 3-month span.
* Implemented cost-effective measures to optimize technology operations and ensure efficient resource utilization while running lean.

## Nallan Technology Ventures Private Limited. Chennai, India

### Technical Lead. Dec 2011 – Oct 2013

* Steered the architecture, software development, and deployment of Kachyng, a PCI-compliant mobile payments platform featuring single-click checkout and ad placements.

## EMRG Software Solutions Private Limited. Chennai, India

### Technical Co-founder. Sep 2010 – Nov 2011

(Originally from Aug 2009)

* Built and led a team of 10 members in software engineering and SaaS Operations.
* Designed and developed 2 products in the financial information research space.

## YuMe, Inc. Chennai, India

### Systems Engineer Jan 2010 – Aug 2010

* Maintained the infrastructure and automated continuous deployments in 6 different internal environments.
* Handled end-to-end fortnightly production deployments, weekly migrations, and other critical daily DevOps responsibilities, including comprehensive monitoring and maintenance tasks.

### Java Application Developer. Aug 2008 – Dec 2009

* Pioneered R&D in native mobile technologies (Symbian C++, J2ME, Blackberry JVM) and delivered early mobile apps.
* Built Proof-of-concepts in Google Web Toolkit, showcasing the potential of innovative web technologies.

Education

## B.Sc Computer Science, Bharathidasan University, Trichy, India. 2008