

# Manimaran Selvan

TECHNOPRENEUR | STRATEGIC THINKER | VISIONARY

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## Summary

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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

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### 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

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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

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**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

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[Aha! Product Management Professional Certificate](#)

[freeCodeCamp – Javascript Algorithms and Data Structures](#)

## Work Experience

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### 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

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

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