



# Manimaran Selvan

*Technopreneur / Strategic Leader / Visionary*

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## Profile

- Seasoned IT professional with a **15-year** career spanning diverse technology domains.
- Demonstrated expertise in **technical product management** over **6 years**, **making critical technical decisions** on comprehensive product teardowns, functional changes, and rebuilds across a broad array of products.
- **Decisive collaborator** trusted for expertise and support, passionate about delivering exceptional results.
- Ranked in the **top 1%** of over **5 million** CCAT test takers worldwide with a score of 45/50, demonstrating a high level of verbal, math, logic, and spatial reasoning skills.
- **Co-founded two startups** in 2009 (fintech) and 2013 (e-commerce), gaining invaluable insights into startup dynamics and the broader business and technology landscape.
- Led IT department consolidation in 2016, generating annual cost savings of **\$4.3M (\$5M to \$700K ~ 85%)**, leveraging economies of scale, enhancing efficiency, and optimal resource allocation.
- Led the post-merger transformation of Jive Software in 2017, a **\$462M value** business acquisition by Aurea Software, managing attrition, GDPR requirements, documents, and product releases.
- Achieved a **five-fold increase** (20 to 100) in approved specs throughput per quarter by implementing lean TPM assembly lines consisting of 2 to 8-hour work units, enabling 24/7 coverage.
- Authored **technical teardown specs** of 3rd party products (e.g., ChatGPT, Twilio, Slack, Loom) as well as existing products (e.g., WorkSmart, Kayako) and **functional specs** of new products (e.g., CloudFix, Tempo, DevFlows).
- Contributed to the technical specs of **ChatGPT for TPM**, an internal tool, enabling TPMs to accelerate spec authoring while ensuring high quality.
- Contributed to technical specs in the **educational space** for GT and Alpha schools, empowering students to achieve mastery through learning apps.
- Contributed to CloudFix technical specs, leading to annual internal savings of **\$3.3M (\$4.5M to \$1.2M ~ 75%)** during the pilot run. This rapidly growing AWS partner product is on a promising trajectory toward **unicorn status**.

## Area of Expertise

**Agile Methodologies** (Scrum, Kanban) | **Technical Product Management** | **Cross-functional Collaboration**

**Backlog Management** (JIRA) | **Product Roadmap** (Strategical, Tactical, Operational) | **Spec Authoring**

**Continuous Improvement** (Process, Automation) | **Conflict Resolution** | **Stakeholder Communication**

## Spec Writing Expertise

### Design

*Process, Work unit*

### Cost

*Optimization, Reduction*

### Teardown

*Company, Product, Process*

### Functional

*New, Change, Rebuild*

## 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) | **Data** (MySQL, PostgreSQL, MongoDB, DynamoDB, Neptune, Redis, Athena)

**Prototyping** (Figma, Balsamiq) | **Containers** (Docker, K8s) | **API** (REST, GraphQL) | **VCS** (Git, SVN, CVS)

**Messaging** (SNS, Kinesis, Kafka) | **Diagramming** (Lucidchart, Draw.io) | **Analytics** (Quicksight)

## Professional Experience

### Trilogy Enterprises, Inc.

#### Technical Product Manager

- Crafted product specs incorporating critical technical decisions derived from experimentation and analysis for a diverse portfolio of 100+ software products.
- Built assembly lines consisting of template-based discrete work units, enabling accelerated spec delivery through parallel work and efficient collaboration.
- Streamlined internal processes and set up dashboards for the entire product management team to track delivery and productivity.
- Built tools to facilitate spec ordering, spec search, certifications-based work buckets, and successful CTO bootcamps.
- Executed initiatives that resulted in significant cost savings and ultimately led to the creation of a new cost optimization product called CloudFix.

Aug 2017 – present  
Trichy, India,  
(Based in Austin, TX)

#### Lead Software Engineer, Acting IT Ops Manager

- Successfully centralized and managed IT Ops across portfolio companies, supporting a globally dispersed workforce of 2000+, resulting in significant cost savings.
- Developed playbooks for transitioning/integrating IT systems during M&A.
- Created concise 2-slide decks for monthly CEO-level enterprise presentations.
- Collaborated with Software Engineering Leaders to set up JIRA workflows and productivity reports.
- Managed internal production environments to ensure smooth operations.
- Contributed to the development and deployment of internal product VDI2, an AWS management tool.

Jan 2015 – Jul 2017  
Trichy, India,  
(Based in Austin, TX)

### Tissow Technology Ventures LLP, Technical Co-founder

- Led end-to-end architecture design, 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.
- Implemented cost-effective measures to optimize technology operations and ensure efficient resource utilization while running lean.

Nov 2013 – Dec 2014  
Chennai, India

### Nallan Technology Ventures Private Limited, Technical Lead

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

Dec 2011 – Oct 2013  
Chennai, India

### EMRG Software Solutions Private Limited, Technical Co-founder

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

Aug 2009 – Nov 2011  
Chennai, India

### YuMe, Inc.

#### Systems Engineer

- Managed infrastructure and automated deployments in various internal environments.
- Managed end-to-end production deployments, migrations, and other critical DevOps responsibilities, including comprehensive monitoring and maintenance tasks.

Jan 2010 – Aug 2010  
Chennai, India,  
(HQ: Redwood City, CA)

#### Java Application Developer

- Pioneered R&D in native mobile technologies (Symbian C++, J2ME, Blackberry JVM), staying at the forefront of industry trends.
- Built numerous Proof-of-concepts in Google Web Toolkit, showcasing the potential of innovative web technologies.

Aug 2008 – Dec 2009  
Chennai, India,  
(HQ: Redwood City, CA)

## Education

**Bachelors in Computer Science, Bharathidasan University**  
7.5/10 CGPA

2005 – 2008  
Trichy, India