Manimaran Selvan

TECHNOPRENEUR (Belgium Work Permit D Visa)

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Summary

A software engineer at heart, I bring over 15 years of experience, including six years specializing in technical product management. I've led key initiatives that have driven operational efficiency and business growth. My expertise spans cutting-edge technologies like cloud computing, AI, digital transformation, 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 at building and guiding high-performing teams, fostering an environment that encourages innovation and excellence. Always ready to be hands-on when needed, I'm seeking a challenging role to leverage my diverse skills in driving 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

freeCodeCamp - Javascript Algorithms and Data Structures

Trilogy Enterprises, Inc.

Austin, Texas (Remote)

Technical Product Manager, Founding member of the Central TPM business function.

Aug 2017 - 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.
- 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 specs 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 - Aug 2017

- 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.

Oct 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

Senior Associate, 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.

Aug 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, IT Operations founding member.

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 – Jan 2010

- 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