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

Work Experience

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**