

Suresh Selvarajan

Technical Program Manager

Contact

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Personal Details

Visa Status: Valid H1B till Nov 2025 with approved I140

Active Certifications

Project Management Professional (PMP) - Project Management Institute.
Certification ID: 4036821

Certified ScrumMaster (CSM) - Scrum Alliance. Certification ID: 001719944

Trusted Tester Testing Tool certification from Department of Homeland Security (DHS)

Skills

Professional Summary:

Results-driven Technical Manager with 12+ years of experience in project and program management. Proven track record in planning, directing, and maintaining continuous operations across multiple departments. Expertise in leading delivery teams to ensure efficient output while adhering to strict quality standards. Proficient in problem identification and resolution. Leadership style focuses on mentoring, training, and empowering teams to achieve exceptional performance.

Work History

2019-12 -
2024-12

Technical Manager (Project Management)

HCL America Inc, San Jose, CA, USA

- Spearheaded onboarding new projects for multiple clients both Enterprise and Consumer teams, aligning project objectives with organizational goals.
- Mentored and led a team of 15+ engineers, fostering collaboration that increased productivity by 25%
- Delivered a high-visibility project for a strategic client, meeting aggressive timelines and securing a \$1.5M follow-up contract
- Developed detailed plans and schedules, allocated resources within budget constraints, deployed manpower efficiently, and facilitated team meetings for individual projects
- Directed the testing team and triage teams for validating Smart Home products, including Google Nest Hub, Nest Doorbell, Nest Camera, Google Home, and Google Nest Mini.
- Collaborated with Product Owners to prioritize and manage product backlogs, ensuring alignment with business goals and timelines
- Facilitated Agile Scrum ceremonies, including sprint planning, daily stand-ups, sprint reviews, and retrospectives, to enhance team productivity and project delivery leading to a 30% reduction in delivery timelines for key deliverables
- Established and monitored Key Performance Indicators (KPIs) for testing activities, providing data-driven insights to support decision-making and deliver comprehensive test progress reports to program



Education

1999-05 - 2003-05

Bachelor of Engineering: Electronics And Communication Engineering

Periyar University - Salem, Tamil Nadu

Cranes International, Bengaluru, Karnataka, India.

- Advanced Diploma in Real Time Operating Systems

Languages

English

Tamil

2012-04 - 2019-12

leadership

Technical Manager (Program Management)

HCL Technologies Ltd., Chennai, TN, India

- Mentored and led a team of 15 engineers, fostering collaboration that increased productivity by 20%
- Identified resource inefficiencies and optimized allocations, saving \$200K annually in project costs.
- Worked in an Hybrid (Waterfall, Agile) environment with frequently changing requirements and feature sets.
- Ensure that testing activities allow applications to meet business and systems goals, fulfill end-user requirements, and identify existing or potential issues
- Collaborate with different cross-functional teams (Driver Development, mechanical, Sales and marketing)
- Managed projects from procurement to commission.
- Coordinated material procurement and required services for projects within budget requirements.
- Monitored project progress, identified risks and took corrective action as needed.
- Verified quality of deliverables and conformance to specifications before submitting to clients.
- Prepare and maintain project documentation, approvals, meeting minutes, and status reports.
- Proactively identified and managed testing-related risks for the programs
- Introduced best practices in Quality Assurance, leading to a measurable increase in defect detection rates, a significant reduction in time to market, and an increase in overall product quality.

2011-11 - 2012-04

Senior Technical Lead

HCL Technologies Ltd., Chennai, TN, India

- Primary activity is to validate medical equipment produced for Infusers and Inter-mates sub-assemblies
- The validation activity involves Test Method Validation (TMV) and Computer System Validation (CSV) techniques
- Conducted process audits and implemented improvements that resulted in ISO 13485:2016 certification for medical device manufacturing.
- Validate software and hardware systems to ensure they perform their intended functions correctly, consistently,

and per regulatory requirements

- Develop test methods, validate test methods, document validation, file and triage bugs, and review bugs

2007-11 -
2011-10

Sr Software Engineer (Grade 4)

AK Aerotek Software Center Pvt Ltd, Bengaluru, KA, India

- Analyzed business requirements and developed detailed test plans and test strategies.
- Enhanced software functionality by identifying and resolving complex technical issues.
- Mentored junior developers, fostering professional growth and enhancing team productivity.
- Analyzed proposed technical solutions based on customer requirements.
- Tested methodology with writing and execution of test plans, debugging and testing scripts and tools.
- Designed manual and automated tests, created automated test scripts, and executed tests
- Reviewed test procedures, test cases, test scripts, and results as defined by DO-178B standards.
- Conducted code scrutiny, design reviews, effort estimation, bug filing, and change request analysis.
- Ensured program planning and execution aligned with project-defined goals
- Environment: Unit, Integration, User Acceptance Test (UAT), LDRA, RTRT, Vector Cast, DOORS, ADA 83/85, C, C++

2007-05 -
2007-11

Senior Software Engineer

CYIENT, Infotech Enterprises, Bengaluru, KA, India

- Participated in Verification and Validation of Ventilation Control System (Level C) Software (A380 Program), Cabin Pressure Control System (Level A) Software (A380 Program), Engine Monitoring Unit (Level B) etc.
- Preparation of Test Plans based on High Level and Low-Level Requirements.
- Preparation of test scripts in Ada, C and C++ and executing them both on host and target.
- Performed System Testing, Software Integration Testing and Module Testing.
- Enhanced software functionality by identifying and resolving complex technical issues.
- Conducted code reviews and Reviews of test scripts.

- Managed multiple projects simultaneously while maintaining strict deadlines and high-quality standards.

2005-01 -
2007-05

Senior Software Engineer

AK Aerotek Software Center Pvt Ltd, Bengaluru, KA, India

- Tested methodology with writing and execution of test plans, debugging and testing scripts and tools.
- Conducted test failure analysis and reported software and requirement issues to customers.
- Performed dry runs of complete functional verification scripts for every software build release.
- Conducted code scrutiny, design reviews, effort estimation, bug filing, and change request analysis.
- Ensured program planning and execution aligned with project-defined goals Responsible for delivering test deliverables on time, every time

Interests

Learning on latest technologies related to artificial intelligence, the internet of things, quantum computing, and cybersecurity

Volunteer Work

Member of AYSO - American Youth Soccer Organization an Non-profit organization

- VOLUNTEER WORK Acted as a line referee, overseeing match regulations and contributing to a fair competitive environment and ensuring fair play and adherence to game rules during matches.
- Hosted over 20+ matches for various age levels.