

SUGANDHIKA AMARADASA

STRATEGIC PERFORMANCE CONSULTANT |
TECHNICAL QA EXPERTDRIVING SCALABILITY &
ENGINEERING EXCELLENCE THROUGH PMP®
GOVERNANCE



CONTACT

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PROFILE SUMMARY

Certified PMP with over 15 years of experience in project and quality management. Proven expertise in agile delivery, performance testing, and process improvement. Strong technical foundation paired with strategic leadership to enhance product quality, team efficiency, and overall project success.

EDUCATION

2025
PMP – PROJECT MANAGEMENT
PROFESSIONAL

2008 - 2011
UNIVERSITY OF COLOMBO SCHOOL
OF COMPUTING
Bachelor of Information Technology

2020
SCRUM FOUNDATION PROFESSIONAL
CERTIFICATE (SFPC)

Credential ID CLVYSYVSYF-
SLVLTGZT-XHMWMYRPWS

2022
ISTQB FT - PERFORMANCE TESTING

2014
ISTQB FT - CERTIFIED TESTER

WORK EXPERIENCE

Amused Group 2025- PRESENT

Performance Testing Consultant & Owner of Enterprise Performance Testing Strategy

- Enterprise Performance Strategy: Defined and owned the holistic performance engineering roadmap for a complex ecosystem of Mobile, Web, and Backend applications.
- Strategic Architecture Collaboration: Partnered with Solution Architects to establish release-wise performance budgets, NFRs, and shift-left strategies integrated into the SDLC.
- Automated CI/CD Pipelines: Architected end-to-end performance validation within Azure DevOps, enabling automated backend execution and continuous performance gates.
- Full-Stack Benchmarking: Established organization-wide performance "Gold Standards" and benchmarks, utilizing k6 and BrowserStack to ensure mobile and web responsiveness met industry-leading criteria.
- Advanced Observability & Trending: Implemented automated Grafana dashboards and trend analysis processes to track system health across database and application layers, enabling proactive bottleneck detection.
- Scalable Tooling Implementation: Streamlined testing efficiency by implementing a modern automation stack including k6, LambdaTest, and BrowserStack for cross-platform performance validation.
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SKILLS

- Project Management
- Agile & Scrum Methodologies
- Performance Testing & Test Automation
- Process Optimization
- Technical Strategy & Guidance
- CI/CD Implementation
- Performance Optimization
- Stakeholder Collaboration
- Leadership & Team Management
- Problem-Solving & Critical Thinking

LANGUAGES

- English: Fluent
- Sinhala: Fluent

Mad Mobile (Pvt) Ltd - LK(Cake Engineering)

2024- 2025

QA Leadership for Restaurant/POS Projects & Automation Framework Ownership

- Resolved issues and maintained automation frameworks, ensuring stability and continuous improvement.
- Managed release cycles, UAT sessions, and stakeholder collaboration for quality delivery.
- Led migration to Playwright/WebDriver.IO and built performance testing with SiteSpeed.io.
- Conducted team trainings and led interviews to strengthen QA capabilities.

99x Technology

2018 - 2024

Feature Release & QA Leadership for CRM System - SuperOffice (Norway)

- Led Agile feature releases, ensuring seamless development, testing, and deployment aligned with both functional and non-functional requirements.
 - Built and integrated a performance testing framework using ApicaLoad with Octopus CI/CD, improving efficiency and reliability.
 - Implemented automated alerting to proactively manage system capacity and stability.
 - Migrated the automation framework from Codecept to Playwright, boosting scalability and maintainability.
 - Executed smoke and integration testing with Playwright E2E suite for high-quality releases.
 - Trained QA teams on automation, performance engineering, and CI/CD practices.
 - Led recruitment efforts to grow a high-performing QA team, supporting continuous improvement.
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TOOLS

- k6
- LoadRunner
- ApicaLoad
- Performance Center
- JMeter
- Playwright
- SiteSpeed.io

AI-Assisted Engineering

- Cursor (AI Code Editor for framework development)
- Amazon Q (AI-powered AWS optimization and coding assistance)
- MCP (Model Context Protocol for integrating AI with engineering data)

DevOps & Infrastructure

- Azure DevOps
- CI/CD Pipeline Integrations
- Docker & Kubernetes
- Octopus Deploy

Observability & Strategy

- Grafana & Dashboards
- Datadog (APM & RUM)
- Performance Testing Strategies (Shift-Left, Shift-Right, Benchmarking)
- Trend Analysis & Data Visualization

Project Management

- PMP Methodology & Agile/Scrum Leadership
- Stakeholder Management & Risk Mitigation
- Resource & Capacity Planning

Driv (99x)

QA Lead & Scrum Master - Warehouse Management System

- **Conducted on-site client requirement gathering** in Norway, analyzing warehouse operations to align system design with business goals.
- Defined and executed a QA strategy blending manual and automated testing to ensure high-quality releases.
- Built an automation framework with Java, Selenium, and Appium, boosting test efficiency and system reliability.
- Managed Agile delivery using Azure DevOps for sprint planning, backlog grooming, and seamless CI/CD integration.
- Improved system performance via batch testing with JMeter, Jenkins, and Postman, enhancing warehouse responsiveness.
- Facilitated stakeholder collaboration, managed risks, and drove system scalability amid changing requirements.
- Led project closure, overseeing final validation, documentation, and end-user training for a successful deployment.

PanelClaw (US) (99x)

Scrum Master & QA Lead - Solar Mounting Software System

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Easy2You (Norway)(99x)

QA Lead / Scrum Master - Mobile-Based Package Transportation System

- Led QA strategy from scratch, implementing structured test planning, execution, and defect management.
 - Estimated story points for accurate sprint planning and balanced Agile workloads.
 - Facilitated retrospectives to drive continuous QA process improvement.
 - Built scalable test frameworks using the Test Pyramid approach; emphasized unit, API, and integration testing.
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- Designed cross-platform mobile automation with Appium, enhancing coverage on iOS and Android.
 - Ensured platform compliance using iOS and Android Studio.
 - Managed Agile QA workflows via Azure DevOps and Jira.
 - Aligned QA with business goals through collaboration on third-party integrations and user experience.

UpNorway (99x)

Travel eCommerce Platform - Agile Process Implementation

- Spearheaded QA strategy from the ground up, implementing structured test planning, execution, and defect lifecycle management aligned with ISO 9001 quality standards.
- Drove Agile process implementation, managing sprints, backlog grooming, and continuous delivery using Azure DevOps and Jira.
- Estimated story points for precise sprint planning and balanced workload distribution.
- Facilitated retrospectives to drive continuous improvement in QA processes and team collaboration.
- Developed modular test frameworks based on the Test Pyramid model, emphasizing unit, API, and integration testing.
- Ensured process compliance with ISO-aligned QA documentation and release practices.
- Collaborated with cross-functional teams to align QA efforts with business objectives, third-party service integrations, and end-user experience goals.

Pearson Lanka (PVT) Ltd.

2013 -2018

Performance Engineering & System Optimization

- Defined and validated performance requirements across backend, frontend, and core modules of enterprise learning platforms.
 - Planned and executed performance tests simulating peak traffic to assess system scalability, responsiveness, and reliability.
 - Conducted production-level performance testing in a war room setting, replicating real-world usage and stress conditions.
 - Analyzed live system behavior to identify critical bottlenecks; implemented targeted optimizations to enhance performance and stability.
 - Delivered performance reports with actionable insights to Product Owners and engineering teams, influencing design and release decisions.
 - Utilized LoadRunner, Performance Center, and JMeter for comprehensive performance, load, and stress testing.
 - Applied industry best practices in continuous performance monitoring, system tuning, and optimization strategies.
 - Ensured consistent system performance and availability across critical components by proactively identifying and resolving issues.
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John Keels Computer Services (JKCS)

2011-2013

Lead Performance Test Engineer

- Solely led and managed all performance testing efforts, owning performance engineering initiatives end-to-end.
- Worked on high-impact, real-time systems ensuring scalability, stability, and responsiveness under heavy load.
- Defined and established performance requirements for mission-critical applications with real-time data flow.
- Designed, planned, and executed performance tests simulating real-world traffic and operational patterns.
- Conducted detailed performance analysis to uncover bottlenecks, latency, and throughput limitations.
- Provided strategic optimization recommendations, improving backend logic, database performance, and system responsiveness.
- Spearheaded performance monitoring and tuning to ensure continuous system reliability and efficiency.
- Collaborated cross-functionally with developers, QA, and business stakeholders to drive performance improvements.
- Utilized LoadRunner, JMeter, and custom monitoring tools to perform deep system evaluations and reporting.

Virtusa (Pvt) Ltd

2010-2011

Software Quality Engineer & Performance Tester

- Gained foundational experience in quality assurance and performance testing across enterprise applications.
- Contributed to test planning, execution, and defect management within Agile and Waterfall environments.
- Designed and executed test cases for functional, regression, and performance testing.
- Supported performance testing using tools like JMeter and LoadRunner, validating system behavior under load.
- Assisted in performance bottleneck identification and collaborated with dev teams for optimization.
- Documented test results, defects, and performance metrics, ensuring traceability and clear reporting.
- Developed strong QA fundamentals, including test case design, test data management, and release readiness assessments.

Nations Trust Bank

2008- 2010

Software Engineer (intern)- Financial & Enterprise Solutions

- Developed and maintained financial modules with a focus on the Leasing Management System.
 - Programmed in C++, delivering key enhancements and core functionality improvements.
 - Collaborated with cross-functional teams to integrate leasing features into broader banking operations.
 - Optimized system performance and ensured reliability, aligning with financial compliance standards and industry best practices.
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MIS (Pvt) Limited

2005–2009

Software Engineer

Developed and supported enterprise applications including POS systems, payroll/accounting software, and time & attendance solutions. Worked with clients such as the Industrial Development Board of Sri Lanka, TNS Lanka, CEB – Kelanithissa, and EAM Maliban Textiles, delivering tailored business software across multiple industries.

Lassana Flora (Pvt) Ltd

2008-2010

Web Developer

Developed the Wedding.lk website to support seamless wedding planning and service bookings. Implemented key features including vendor listings, event scheduling, and customer management, enhancing user experience and operational efficiency.

VOLUNTARY SERVICES & LEADERSHIP INITIATIVES

- **Code Quality & Testing Leadership**
 - Lead – Code Quality Group (2021): Spearheaded efforts to uplift code quality standards across multiple projects, ensuring alignment with best practices.
 - Lead – Quality Inspector Test Team (2019): Directed testing excellence initiatives, reinforcing rigorous quality controls and test standards.
 - Performance Testing & Mentorship
 - **Lead – Performance Focus Group (2020–2024):**
 - Developed syllabi, training content, and exam modules across all levels (Beginner to Advanced).
 - Mentored performance testing leads on strategy, leadership, and best practices (2023–2024).
 - Provided expert consulting for key 99x projects, ensuring robust performance testing practices.
 - **Workshops & Webinars**
 - ISMPAC (2023): Delivered a one-week external workshop on performance testing.
 - **99x Webinars:**
 - 2023: Early Performance Testing Strategies
 - 2022: Performance Testing 101 for QA professionals
 - **University Engagement & Training**
 - SLASSCOM University Sessions: Conducted talks at the Universities of Jaffna, Rajarata, and Ruhuna on software quality and performance testing.
 - University of Sri Jayewardenepura (J'pura): Led Day 01 and Day 02 QA and performance testing workshops (July 2023).
 - **Conferences & Public Speaking**
 - Quality Week (2021 & 2022): Speaker on performance testing and software quality.
 - Quality Summit (2021): Delivered "Performance Testing 101" session to industry professionals.
 - JMeter Training & Knowledge Sharing
 - JMeter Week: Planned and led a comprehensive workshop series featuring hands-on sessions.
 - YouTube Channel: Created educational videos on JMeter to extend learning to a broader audience.
 - **Talent Development**
 - Mentored and groomed new talent for performance testing roles, fostering future-ready professionals and enhancing team capability.
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