

DULAJ SACHINTHA WEERASINGHE

QUALITY SPECIALIST

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 [Portfolio](#) |  [GitHub](#)

SUMMARY

Results-driven Project Quality Specialist with 5+ years of cross-industry experience in quality assurance, production process control, and continuous improvement in regulated environments. Proven track record in implementing **quality management systems (QMS)**, leading root cause analysis (RCA) using tools like 8D, A3, and 5-Why, and driving operational efficiency aligned with **ISO 9001, GMP** standards.

✓ **Advanced Quality Problem Solving** – Led quality investigations using structured methodologies such as **A3, 8D, and Ishikawa diagrams** to resolve complex product and process issues, enhancing first-time quality rates and reducing service intervention needs.

✓ **Cross-Functional Team Leadership** – Collaborated with production, maintenance, engineering, and supply chain teams to execute corrective and preventive actions, improving cross-departmental workflows.

✓ **Process Data Analytics** – Experienced in analyzing production and test data (**Excel, SQL, Tableau, Python**) to detect failure trends and optimize process parameters, contributing to reduced lifecycle costs.

✓ **Compliance & Quality Standards** – Hands-on knowledge of QMS principles, PPAP, Control Plans, and SPC; ensured compliance with ISO 9001 project execution and supplier evaluations.

✓ **Project Management & Technical Documentation** – Delivered **quality plans, SOPs**, and audits in dynamic, high-pressure environments; contributed to test coordination and engineering documentation using **JIRA** and Confluence.

Holds a **Master's degree in Project Management** and a **Bachelor's in Chemistry** with a strong foundation in quality engineering principles, manufacturing systems, and **continuous improvement tools (Lean Six Sigma)**. Fluent in English, with German B1 proficiency. Passionate about sustainable manufacturing and innovative quality systems in high-tech environments like Tesla.

Core Competencies: Quality Engineering | 8D & A3 Problem Solving | Root Cause Analysis | APQP | FMEA | ISO 9001 | Continuous Improvement | Data Analysis | General Assembly Processes | Project Management | Production Quality | JIRA | Tableau | SQL | Lean Six Sigma | GMP

PROFESSIONAL EXPERIENCE

PULITECH DIENSTLEISTUNGEN - Berlin Jan 2021 - Sep 2023

Quality, Inventory & Logistics Manager (Jan 2023 – Sep 2023)

- Reduced **waste costs by 35%** and improved **logistics efficiency by 68%** through inventory optimization.
- Ensured **ISO 9001 compliance**, conducting audits, inspections, and implementing **Corrective and Preventive Actions (CAPA)**.
- Applied **Lean Six Sigma** methodologies to streamline workflows, optimizing stock availability and quality control.
- Utilized **Excel, SQL, Tableau** to analyze performance data and generate actionable insights.

Quality Management Specialist (Feb 2022 – Jan 2023)

- Conducted audits, risk assessments, and process improvements to ensure regulatory compliance.
- Enhanced service delivery efficiency by 30% through quality gap analysis and optimization.
- Managed supplier quality assurance, ensuring SLA adherence and improving vendor performance.

Project Manager - Intern (Jun 2021 – Jan 2022)

- Led an operations optimization project, reducing inter-departmental wait times by 33%.
- Implemented Jira-based work management for better task tracking and visibility.

ISO 9001 | Risk Management | Quality Assurance | Service Optimization | Vendor Audits | Inventory Control | Logistics Strategy | Lean Six Sigma | Quality Audits | Data Analytics | Project Coordination | Process Improvement | Agile & Jira

Celogen Lanka Pharmaceuticals - Sri Lanka

Jan 2018 - Feb 2019

Production Officer (Jan 2018 – Feb 2019)

- Ensured **GMP & ISO compliance**, overseeing audits, inspections, and regulatory submissions.
- Supervised production, **batch records, CAPA, and process validation**.
- Maintained and enforced **SOPs, quality protocols, and compliance measures**.
- Collaborated with **QA, QC, and regulatory teams** to achieve production targets.
- Implemented **Lean Six Sigma** to enhance efficiency, reduce waste, and streamline workflows.
- Proficient in **ERP, SAP** for production tracking and reporting.

GMP | FDA Regulations | Lean Six Sigma | Quality Assurance | Process Validation

Production Officer (Jan 2017 – Jan 2018)

- Ensured **GMP & ISO 9001** compliance in tea manufacturing.
- Conducted **quality control, raw material inspections, and microbiological testing**.
- Managed tea **blending, fermentation, drying, and packaging** for consistency and efficiency.
- Reduced **waste and optimized production** through Lean methodologies.
- Maintained **batch records, compliance reports, and regulatory documentation**.
- Assisted in **Kaizen and Lean initiatives**, streamlining workflows and improving efficiency.

Quality-Focused | Compliance-Driven | Detail- Oriented

SKILLS

- **Business Intelligence & Data Analytics** – Proficient in Tableau, SQL, Python (Pandas, NumPy, Matplotlib), and Excel for data querying, visualization, and predictive analytics.
- **Project & Quality Management** – Experienced in Agile (Scrum, Kanban), Jira, Asana, Lean Six Sigma, ISO 9001, GMP, CAPA, and QMS for process optimization and compliance.
- **Logistics & Supply Chain** – Skilled in inventory management, demand forecasting, procurement, vendor audits, SLA management, and operational risk mitigation.
- **Process Improvement & Automation** – Expertise in workflow automation, Jira macros, AI-driven analytics, and KPI tracking to enhance efficiency and decision-making.
- **Stakeholder & Risk Management** – Strong in cross-functional collaboration, change management, root cause analysis, and data-driven decision-making.

EDUCATION**Master's in Project Management****2019 - 2021****Arden University - Berlin**

Master's in Project Management with expertise in traditional and **Agile methodologies**. Skilled in **project analytics, big data, and supply chain management** to drive efficiency and performance. Proficient in cloud-based solutions and **data-driven decision-making**. **Strong leadership, stakeholder management**, and cross-functional collaboration to achieve strategic business objectives.

BSc (Hons) in Chemistry**2014 - 2017****College of Chemical Sciences**

Bachelor's Degree in Chemistry with a strong foundation in organic, inorganic, and physical chemistry, completed in English. The program included extensive practical sessions, covering the latest technological advancements in the chemical field. Gained hands-on experience through **a six-month internship at Deep Touch Water Bottling Company**, focusing on quality control, regulatory compliance, and process optimization. Well-versed in laboratory techniques, analytical methods, and industrial applications of chemistry, with a keen focus on research, problem-solving, and data analysis.

CERTIFICATIONS

2023	THE COMPLETE PYTHON BOOTCAMP FROM ZERO TO HERO IN PYTHON	Udemy Certification
2024	MICROSOFT EXCEL - EXCEL FROM BEGINNER TO ADVANCED	Udemy Certification
2024	QUALITY MANAGEMENT SYSTEMS:MANAGEMENT AND CONTROL OF QUALITY	Udemy Certification
2024	STATISTICS FOR DATA SCIENCE AND BUSINESS ANALYSIS	Udemy Certification
2024	LEAN MANUFACTURING A-Z	Udemy Certification
2024	GOOGLE AGILE PROJECT MANAGEMENT CERTIFICATION	Udemy Certification
2024	STATISTICS FOR DATA SCIENCE AND BUSINESS ANALYSIS	Udemy Certification
2024	CAREER ESSENTIALS IN DATA ANALYSIS BY MICROSOFT AND LINKEDIN	Udemy Certification