

Kuheshan Thevarajah

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Summary

Garment Technologist and Product Development Specialist with hands-on experience managing garment development from sample stage through to bulk production. Strong in **apparel technical management** and confident in **resolving technical issues, improving development efficiency, reducing production risks, and supporting on-time delivery** of high-quality garments.

Experiences

Product Development Specialist

Aug 2022 - Nov 2025

Zeera Holdings Pvt Ltd

Vavuniya, Sri Lanka

- Ensured full compliance of sample garments with **tech pack specifications** and **BOM requirements**, **reducing pre-production errors by 10% and saving \$5,000 in rework costs.**
- Oversaw technical and product development follow-up for **18 production lines**, while **participating in 50+ fit sessions** to support fit accuracy, sample approvals, and bulk production readiness.
- Performed comprehensive **fabric & garment performance testing** to ensure compliance with quality standards prior to bulk production, reducing **material-related issues by 20%.**
- Undertook **100+ AQL inspections across 4 product categories**, maintaining a **95%+ acceptance rate** and ensuring compliance with buyer standards.

Intern - Garment Technologist

Aug 2021 - Oct 2021

Calzedonia Group (Omega Line)

Vavuniya, Sri Lanka

- Managed **raw material inspections and quality checks**, ensuring full compliance with specifications, reducing material defects by 8%, and preventing \$3,000 in losses from substandard materials.
- Coordinated **material tracking and production timelines** using **SAP**, supporting supplier communication and contributing to efficient **critical path management**, reducing production **downtime by 7%.**
- Collaborated with cross-functional teams on **15+ pilot sample runs, analysing workflow, implementing machine modifications**, and supporting **quality audits** and **sample approvals.**

Intern - Textile Engineer

Oct 2020 - Nov 2020

Calzedonia Group (Omega Line)

Vavuniya, Sri Lanka

- Optimised cutting section workflows, increasing **plant productivity by 2%** and improving **cutting efficiency by 6%.**
- Analysed cutting section data using **Oracle and SAP**, and developed **Microsoft Excel-based tracking system** to improve material flow, increasing daily **output by 29% to full capacity.**
- Applied work-study methods for **process enhancements**, improving **overall plant efficiency by 2%** and contributing to smoother operations.

Projects

Sustainable Upcycled Denim Jacket Development - Ongoing Sustainable Design Project

- Developing a **100% upcycled denim jacket** by reusing approximately 78% of fabric from each used denim garment, targeting a 55% lower retail price and a **25%-35% gross profit margin** through **circular fashion** and cost-effective product development..

Investigation of the Colour of Weft Yarn on Properties of Woven Labels

- Partnered with 4 key industry players to conduct research, improving **woven label durability by 10%**, increasing production efficiency, and **overall product quality by 15%.**

The effect of yarn dyeing on the properties of 100% polyester woven fabrics

- **Published research** identifying **how yarn dyeing influences polyester woven fabric strength** and elongation, **supporting** improved dyeing control, **fabric quality, and performance optimisation.**

Technical Development of a Nylon 66 Coated Motorcycle Jacket

- Developed a **lightweight, production-ready motorcycle jacket** using a Nylon 66 and SBR composite structure to **improve rider protection, durability, comfort, and commercial viability.**

Cut Store Waste Reduction & Process Improvement Internship Project

- Reduced material waste and production downtime in the cut store and issuing section using **5S, Kaizen, Poka-Yoke, and root cause analysis**, improving **plant productivity by 2% and cutting efficiency by 6%.**

Sustainable Fabric Waste Handling Framework

- Investigated sustainable fabric waste handling in Sri Lanka's apparel industry, **identifying 12%–20% material loss** and recommending project management tools to **improve traceability, accountability, and waste reduction.**

Education

MSc Project Management

Sept 2024 - Dec 2025

Liverpool John Moores University

United Kingdom

Applied **project management, sustainability, governance, KPI tracking, and risk management knowledge to support critical path** coordination, supplier communication, process improvement, and sustainable product development in apparel.

BSc Engineering Honours in Textile & Apparel Engineering

Oct 2017 - Jun 2023

University of Moratuwa

Sri Lanka

Developed strong **technical knowledge** in textile materials, garment manufacturing, fabric testing, quality control, product development, and apparel production processes, **supporting garment technologist and product development responsibilities.**

BTEC in Fashion Design

Dec 2025 - Present

British Academy of Fashion Design

United Kingdom

Building UK-focused fashion design knowledge, including **design development, garment styling, construction awareness,** and market understanding to strengthen communication between design, technical, and production teams.

Skills

Software : SAP, Gerber, Adobe Suite, Oracle, Microsoft Office Suite

Technical Skills : Garment Technology, Product Development, Fit & Sizing, Fabric & Material Testing, Quality Assurance, Sustainability & Process Improvement