



# NIRANJANI FERNANDO

PRODUCT  
DEVELOPMENT  
TECHNOLOGIST



209. St. Nicholas Road,  
Munnakkaraya, Negombo.  
Sri Lanka



+94776117707



mniranjani.fernando@gmail.  
com



[www.linkedin.com/in/niranjani-fernando](http://www.linkedin.com/in/niranjani-fernando)



mniranjani.fernando@gmail.  
com

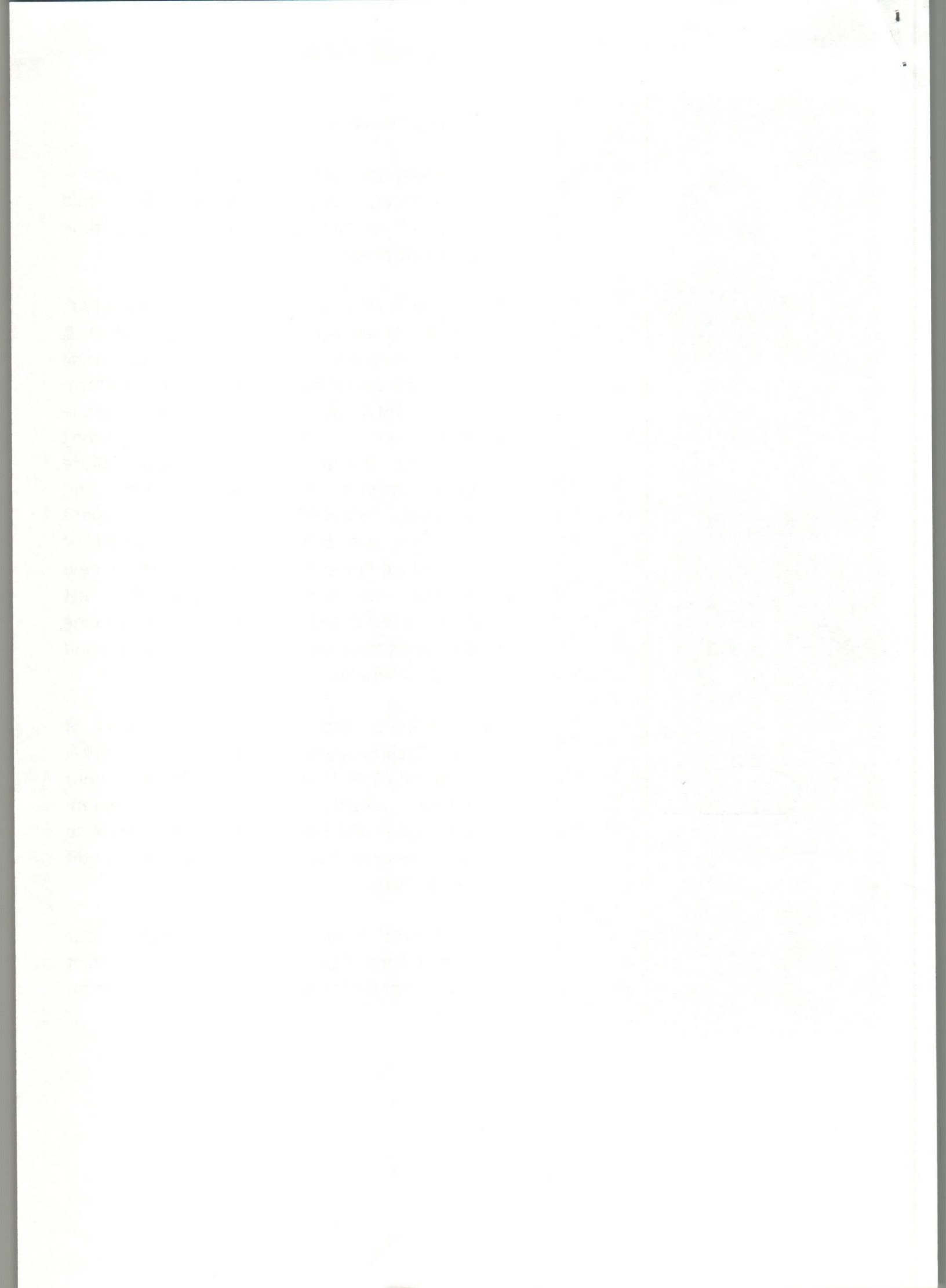
Dear Hiring Manager,

I am writing to interest in Assistant Manager – Quality Assurance in **UNIDIL PACKAGING**. I would be grateful if you take a few minutes of your time to review my resume.

Working with QARA & Related EMEA, USA, APAC, KOSHA & JAPAN certifications, New Product & Material development, testing and monitoring apparatus to operating test equipment, Perform routine maintenance on equipment, provide technical support to other employees regarding testing and documentation, Conduct failure analyses, analysis of document results, and recommend corrective actions, Prepare specifications and SOP's, Design specialized or customized equipment's, willing changes to new technologies as appropriate, procuring Test Equipment's will prove track record of overseeing and delivering tasks on time and within budget and providing leadership.

I would bring a comprehensive understanding of the latest Technology in Polymer, Textile Industry & my technical, R & D skills to contribute to your Laboratory quality management system, Manufacturing, and the technical processes. Also having experience in conducting supplier's audit Local & Overseas.

I would appreciate an opportunity to discuss your needs, therefore, please do not hesitate to contact me at your convenience so that we can set up an interview.



## PROFILE

Disciplined & Competent Professional with around continuous 12+ years of experience in the industry. Systematic planner and multitasker with a proven track of practical and professional records of working efficiently and accurately establishing processes, SOP's streamlining to enhance productivity. Well versed with regulatory affairs and quality management systems in terms of mechanical testing, textile testing and analytical testing, R & D and experience in creation & implementation of details documentation processes.

## EXPERTISE

- Involved in new product development in Textiles and Glove (Knitting, Dipping & safety coverall) Businesses
- Managing of Laboratory testing in Polymer Analysis, Chemical Analysis, Textile Testing, High end engineering yarn Testing, Mechanical Testing
- Familiar with modern inspection techniques (DSC, TGA, FTIR, UV Spectroscopy & etc.)
- New test method implementation, Selection and purchasing of Test equipment and test consumables (supplier Selection)
- Research and development in Engineered Textile Manufacturing, Glove industry and PPE Overall kit and Raw Materials in Textile
- Validation of processes, new Test Equipments, and Etc...
- Familiar with Flat bed, circular Knitting in Glove Industry.
- closely worked with Global R & D to develop Woven Fabric from external suppliers

## SKILLS

- Well versed with tools, concepts and methodologies of all aspects QMS
- Organizational Skills & Time Management
- Compliance to ISO/EN/ASTM standards
- ISO 9001:2015 | 17025:2005 & 2017 LQMS
- Teamwork & Collaboration, Effective Communication
- Problem-Solving Skills & Risk Management
- Research & Analysis, Analytical Skills
- Accountability & Adaptability

## REFERENCE

- Mr. Keerthi Wanasinghe BSc., MSc.  
Director Education  
The Plastic & Rubber Institute Sri Lanka.  
[Wanasinghe\\_kj@prisrilanka.com](mailto:Wanasinghe_kj@prisrilanka.com)  
+94 77 321 5520
- Mr. Vindana Jayasundara BSc (ENG), MBA  
Senior Manager - Product Development  
Ansell Textiles Lanka (Pvt) Ltd - Sri Lanka  
[Vindana.Jayasundara@ansell.com](mailto:Vindana.Jayasundara@ansell.com)  
+94 76 821 9716
- Mr. Rohan De Silva, CEng, MIE (SL)  
Director Technical  
AARON Textiles Lanka (Pvt) Ltd- Sri Lanka  
[rohandesilva@aarontextiles.com](mailto:rohandesilva@aarontextiles.com)  
+94 773 738 379

## EDUCATION PROFILE

### UNIVERSITY OF SRI JAYAWARDANAPURA

2022-2024 MSc IN POLYMER TECHNOLOGY (READING)

### THE SRI LANKA PLASTICS & RUBBER INSTITUTE

2016 – 2019 B.SC IN POLYMER SCIENCE & TECHNOLOGY

### THE SRI LANKA PLASTICS & RUBBER INSTITUTE

2014 – 2015 DIP. IN RUBBER TECHNOLOGY

### UNIVERSITY OF KELANIYA

2013 – 2014 DIP. IN APPLIED ANALYTICAL CHEMISTRY

### CEYLON-GERMAN TECHNICAL TRAINING INSTITUTE

2012 – 2011 CIVIL DRAFTMANSHIP

### UNIVERSITY OF MORATUWA

2011 CERT. IN TEXTILE TECHNOLOGY

## PROFFESIONAL PROFILE

- Certified Technical assessor for ISO/IEC 17025:2017
- Green Belt Holder
- Certified Auditor (Internal) for ISO 9001:2015 Quality Management System
- Certified Auditor (Internal) for ISO/IEC 17025:2017 Laboratory Quality Management System
- Certified Auditor (Internal) for ISO/IEC 17025:2005 Laboratory Quality Management System

## WORK EXPERIENCE

### ANSELL TEXTILES LANKA QA-LAB Executive (BODY PROTECTION) - 2019 JAN – CURRENT

- Developing, Implementing & Managing all procedures for product testing EU 2016/425 of manufacturing personal protective clothing, and required regulatory requirements.
- Involved in New supplier development project ( Raw material, Accessories & Packaging )
- Involved in new product development in Textiles and Glove (Knitting, Dipping & safety coverall) Businesses
- Provide technical support and resolve quality issues with suppliers, customers or auditors including introduction of new or re-designed components and processes
- Develop concepts, products, and solutions by coordinating with Glove and Body protection Coverall business units.
- Arranging & conducting of proficiency testing with Global team and international test service providers, which required calibration /validation of incoming materials, substantiation SOI process, frequency, test reports and make sure all required testing are done on time
- Using high range of analytical techniques, software & instrumentation to interpreting data and adhering to strict guidelines on documentation
- Reporting scientific results in standard format for internal and external Suppliers/Customers along with the specification, achievement and pass/fail status and liaising with cross functional teams
- Manage the ordering and usage of supplies with the proper stewardship of resources, inventorying, and laboratory testing equipment maintenance.
- Executive & monitor team metrics and objectives ensuring meeting of goals.

### ANSELL TEXTILES LANKA SENIOR TECHNICIAN- LAB (HAND PROTECTION) - 2018 DEC – 2016 JUL

- Executing and establishing standard operating procedure and work instructions to all lab equipments and methods (according to EN388, ASTM & ISO standards)
- Responsible for implementing and overseeing comprehensive training requirement of lab staff
- Perform QA activities and playing both Quality & Technical Manager's roles for ISO17025:2005 LMS
- Carried out compliance sessions with subordinates with regular monitoring of standards.
- New test equipment commissioning & carried out verification to ensure the quality of equipment.
- Responsible for Validating/Calibrating methods and equipment, Calibration of equipment's in entire factory
- Involved in R & D Activities (NBR base coated fabric & Gloves, developed formulation for coated fabric)

### ANSELL TEXTILES LANKA TECHNICIAN-LAB (HAND PROTECTION) - 2010 FEB – 2016 JUN

- Conducting test as per given SOP's
- Carried out compliance sessions with subordinates with regular monitoring of standards.
- New test equipment commissioning & carried out verification to ensure the quality of equipment.

## PROJECT HIGHLIGHTS

- Involved in new product development in Textiles and Glove (Knitting & Dipping) Businesses
- 2023 – Troubleshooting of Chem Resistance Glove Failure
- 2022 – Knitted Linear Reject Reduction (Spandex Yarn, Engineered Yarn)
- 2020 – improve the pin holes & Hydrostatic pressure in neoprene coated woven fabric (for Polymer Graduation ship)
- 2018 - Development of NBR base compound for new product (Supported Glove)
- 2014 – redevelopment of cost- effective compound recipe by Filler without effecting mechanical properties

