



Navod Kiriwaththuduwa

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Professional Summary:

I am a results-driven engineering professional with strong leadership experience from school to international levels. With a solid foundation in engineering principles and management concepts, I excel in Process and Production Engineering, New Product Introduction, and process optimization. I am committed to applying my skills and knowledge to drive operational excellence and contribute to organizational growth.

Career Objective:

To advance my career in Process and Production Engineering within a dynamic environment, utilizing my technical expertise and leadership skills to support continuous improvement and organizational success.

Education:

- **Master of Business Administration** - University of Kelaniya, Sri Lanka (Reading)
- **B.Sc (Hons) in Engineering in Electronics and Power Systems** - Sri Lanka Technological Campus. (2016 - 2020)
- **Diploma in Information Technology with E- Commerce** - Esoft metro campus. (2016)
- **GCE A/L** - Kegalu Vidyalaya. (2015)
- **GCE O/L** - Kegalu Vidyalaya. (2011)
- **Spoken and Written English graded examinations** - Colombo Academy of Language Skills and Dramatic Art. (2005 - 2010)

Technical Knowledge:

- New Product Introduction processes.
- Engineering change management.
- Manufacturing Execution Systems (FactoryLogix).
- Process improvement and lean manufacturing.
- Root Cause Analysis and corrective actions.
- PCB assembly and troubleshooting.
- Process Failure Mode and Effects Analysis.
- Technical documentation and SOP creation.
- Product quality assurance and control.
- Data analysis and statistical process control.
- Feasibility design and project execution.

Skills and Abilities:

- Team Leadership.
- Collaboration and Teamwork.
- Communication skills - Both Sinhala and English.
- Project management.
- Critical thinking.
- Negotiation and conflict management.
- Work under pressure.
- Effective Public Relationships.
- High ethical standards.

Professional Experience:

- ***NPI Engineer** - GPV Lanka (Private) Ltd (Mar, 2024 - Present)
 - Providing instruction documents to the production floor to manufacture new products according to customer requirements.
 - Handling engineering changes of the existing products.
 - Fulfilling stencil requirement for SMT process.
 - Creating supporting tools for the manufacturing process.
 - Analyzing existing designs and technologies and undergo experiments to optimize manufacturing existing products.
 - Exercising product related experiments requested by the customer.
 - Introducing *MES (FactoryLogics) to the production.
- **Junior NPI Engineer** - GPV Lanka (Private) Ltd (Feb, 2021 - Mar, 2024)
- **Trainee Engineer** - Broadlands hydro power project, *CEB. (Mar, 2019 - Sep, 2019)
 - Major areas covered during industrial training are, feasibility designing, construction, health and safety inspections, arrival inspections, distribution and commissioning areas.
 - 3 major projects were finalized.

Major Projects Completed:

- **Reducing Transformer Scrap at Visual Inspection Line.**
 - For GPV Lanka (Private) Ltd.
 - Have received Gold Award at National Convention on Quality and Productivity 2023.
- **Home Automation and Control using Power Line Communication.**
 - Have received the Best Final Year Project Student Research Award 2019.
- **Micro hydro power plant designs.**
 - For Broadlands hydro power project, CEB.
 - Two **11kW** and **23kW** micro hydro power plants were designed.
- **Design for Digital Power meter.**

Leadership and Extra-Curricular Activities:

Sri Lanka Technological Campus:

- 2020 • **Class Representative** Class of 2019.
- **Chapter Advisor** - Computer Society, IEEE Student Branch of Sri Lanka Technological Campus.
- 2019 • **Event Coordinator** - IEEE Student Branch of Sri Lanka Technological Campus.
- **Treasurer** - Model United Nations of Sri Lanka Technological Campus.
- 2018 • **Lead Operations** - University Student's Enterprise.
- 2017 • **Logistic Team Member** - "INSYS 2017", International symposium on industrial systems.
- 2016 • **Charter President** - Leo Club of Sri Lanka Technological Campus.
- **Vice President** - Student Interactive Society.

School:

- 2014 • **School Head Prefect** - Kegalu Vidyalaya, Kegalle.
- **Chairman** - "Walk with Vidyalions", first ever parade and walk - Kegalu Vidyalaya.
- **Student Mentor** - Science Society.
- **Committee Member** - Buddhist Association.
- 2013 • **Volunteer** - Commonwealth Heads of Government Meeting. (CHOGM)
- **President** - Drama and theater Society.
- 2012 • **Chairman** - "Ranga Bihi Dora", First ever drama and theater show - Kegalu Vidyalaya.
- **Secretary** - Non Alcoholic Society.

LEO Club Program:

- 2024 • **Multiple District President** - Leo Multiple District 306, Sri Lanka and Maldives
- 2021 • **District President** - Leo District 306 A2.
- 2020 • **District Vice President** - Leo District 306 A2.
- **Director** - Leo Multiple District 306, Sri Lanka.
- **Chairman** - "Numero Uno", Presidents and Council Officers Camp.
- **Chairman** - Leo Youth Camp '20 - Leo District 306 A2.
- **Chairman** - Fund Raising Committee, "Marians Thaala Live in Concert" - Leo District 306 A2.
- 2019 • **Chairman** - Orientation Committee - Leo District 306 A2.
- **Chairman** - Jeewana Yathra, multi service mega project.
- 2018 • **Region Director** - Leo District 306 A2.
- 2017 • **Youth Director** - Leo District 306 A2.

Institute of Electrical and Electronics Engineers (IEEE):

- 2020 • **Logistic Lead** - "Let's Talk", IEEE Young Professionals, Sri Lanka.
- **Member** - IEEE Computer Society.
- **Member** - IEEE Power and Energy Society.
- 2019 • **Treasurer** - IEEE Student, Young Professionals, Women in engineering Conference.
- 2018 • **Logistic Team Member** - IEEE Student, Young Professionals, Women in engineering Conference.

Other Experiences:

- 2018 • **Representative** - National Youth Model United Nations.
- **Member** - Red Cross Sri Lanka.
- 2010 • **Member** - Colombo Academy of Language Skills and Dramatic Art.

Achievements:

GPV Lanka (Private) Ltd:

- 2023 • **Gold Award** - National Convention on Quality and Productivity.

Sri Lanka Technological Campus:

- 2020 • Eng. Ranjith Rubasinghe University Award for Overall Excellence at Graduation Ceremony.
- Gold Medal for outstanding contribution for the enhancing university life.
- 2019 • Best Final Year Project Student Research Award.
- 2017 • Winner - Debate Competition - EL Mistico.
- Best New Leo Club in Sri Lanka. (Charter President year)
- 2016 • Presidential Scholarship - Kegalle District.

School:

- 2013 • Golden award as the Head prefect - Kegalu Vidyalaya.
- Best Actor - "Ranga Bihi Dora".
- 2012 • Winner - Drama Competition - National Science Foundation.
- 2010 • Winner - Weight Lifting, Inter School Meet.

Other Achievements:

- 2020 • Leo of the Year - Leo District 306 A2 Conference.
- 2019 • Winner - Most Outstanding Service Project - Jeewana Yathra - Leo Multiple Awards, Sri Lanka.
- 2018 • Best Camper Male - Leo Youth Camp, Leo District 306 A2.
- 2017 • 1st Runner up - Best New Leo - Leo Multiple Awards, Sri Lanka.
- Winner - Most Outstanding New Club President - Leo District 306 A2 Conference.

Personal Details:

- Full Name - Kiriwaththuduwa Navod Shanuka Chandimal Kiriwaththuduwa.
- Date of Birth - 22.03.1995.
- NIC Number - 950820225V.
- Sex - Male.
- Civil Status - Unmarried.
- Nationality - Sri Lankan.

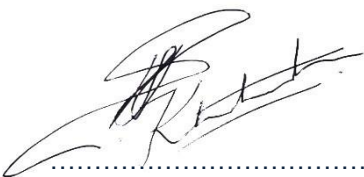
Non Related Referees:

- **Dr. Udes S. Oruthota**
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- **Eng. (Mr.) Robert Peiris**
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Abbreviations:

- NPI - New Product Introduction
- MES - Manufacturing Execution System
- CEB - Ceylon Electricity Board
- ERP - Enterprise Resource Planning

I hereby declare that the above stated particulars are true to the best of my knowledge and belief.



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Navod Kiriwaththuduwa
Date: 12.02.2025