

Munaweera Kankanamalage Dilshan Tharindu Ariyaratne

Engineering Manager



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SUMMARY

A highly motivated and results-oriented Engineering Professional with over 7 years of industrial experience in mechatronics engineering, industrial automation, embedded systems, IoT solutions, and project management. Possessing a First Class Honours Degree in Mechanical Engineering from Kingston University London, together with postgraduate specialization in Industrial Automation from the University of Moratuwa, I have successfully led engineering teams and delivered automation, embedded, and intelligent monitoring solutions for industrial applications. Experienced in engineering management, product development, project coordination, team supervision, and implementation of innovative IoT and AI-integrated systems.

EXPERIENCE

11/2018

Engineering Manager / Mechatronics Engineer | TESLA ROBOTICS (PVT) LTD.

Responsible for managing engineering activities related to automation systems, embedded electronics, industrial IoT solutions, and product development. Lead and supervise engineering teams Manage project planning and execution Develop automation and embedded solutions Coordinate system design and integration Manage testing, commissioning, and deployment activities Prepare technical documentation and reports Conduct technical reviews and troubleshooting

- Led cross-functional teams to deliver innovative mechatronic solutions.
- Mentored junior engineers, fostering a culture of continuous improvement.
- Collaborated with clients to tailor solutions, boosting customer satisfaction.
- Presented technical findings at industry conferences, elevating company profile.

09/2018 - 10/2018

Mechatronics Engineer | ICONIC DEVICES (PVT) LTD.

Embedded system development Product testing and validation Hardware integration Technical documentation

- Collaborated with clients to tailor solutions, improving satisfaction rates.

05/2018 - 08/2018

Trainee Mechatronics Engineer | HIRDARAMANI INDUSTRIES (PVT) LTD.

Production engineering exposure Industrial automation systems Maintenance and troubleshooting Process improvement activities of the

- Contributed to R&D projects, driving innovation and competitive advantage.
- Developed CAD models, streamlining design processes and reducing errors.
- Collaborated on cross-functional teams, enhancing project delivery speed.
- Implemented automation solutions, reducing operational costs by 20%.

EDUCATION

09/2024 | Katubedda

MSc in Industrial Automation: Industrial Automation | University of Moratuwa

Reading

09/2021 – 09/2022 | Katubedda

Postgraduate Certificate in Industrial Automation: Industrial Automation | University of Moratuwa
Completed

02/2017 – 06/2019 | London

BSc (Hons) Mechanical Engineering: Mechanical Engineering | Kingston University London
First Class Honours

02/2017 – 06/2018 | Katubedda

Pearson BTEC Higher National Diploma in Mechanical Engineering: Mechanical Engineering |
ESOFT College of Engineering
Distinction

01/2013 – 01/2015 | Kandy

G.C.E. Advanced Level | Trinity College, Kandy
Completed

● ACHIEVEMENTS

Successfully delivered multiple industrial automation projects Developed intelligent IoT monitoring solutions Implemented AI-assisted alert and monitoring systems Led multidisciplinary engineering development projects Mentored junior engineers and technical staff

● CERTIFICATIONS AND LICENSES

Diploma in Computer Hardware Diploma in Air Conditioning & Refrigeration Certificate in Radio & Television (Merit Pass)

● SKILLS

Engineering Management | Engineering Team Leadership | Technical Project Management | Resource Planning |
Product Development | Engineering Documentation | Vendor Coordination | Quality Assurance |
Technical Decision Making | PLC Programming | Ladder Logic Development | Industrial Control Systems |
SCADA Concepts | Industrial Instrumentation | Process Automation

● REFERENCES

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