

RANDHIKE PREMARATNE

MECHANICAL AND MAINTENANCE ENGINEER

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SUMMARY

Experienced Mechanical & Maintenance Engineer specializing in large-scale facility management, overseeing more than 535,000 sq. ft. of operations. Skilled in team leadership, strategic planning, and compliance with safety and regulatory standards. Holds a Mechanical Engineering background and a Master's in Project Management. Passionate about facility management and hospitality, seeking opportunities in UAE to drive operational excellence, safety, and service quality.

WORK EXPERIENCE

Mechanical and Maintenance Engineer | Hayleys Advantis Limited (3PL) | April 2021 – December 2024

Facility & Maintenance Management

- Led a team of 25+ technicians, ensuring smooth operations across critical facility systems: Fire Detection, HVAC, MEP Systems, Material Handling Equipment (Forklifts, Pallet Trucks, Reach Trucks), Generators, Sewage Treatment Plants and Elevators.
- Developed and enforced preventive maintenance schedules, reducing downtime and enhancing equipment longevity.
- Diagnosed and resolved complex mechanical and electrical issues in real-time, ensuring minimal operational disruptions.

Customer Satisfaction & Emergency Response

- Proactively addressed customer concerns, ensuring high service reliability and minimal disruptions.
- Designed and implemented emergency response protocols, including evacuation procedures and equipment troubleshooting to enhance safety and efficiency.

Renovation & Project Management

- Directed renovation projects, managing contractors, budgets, and timelines, while ensuring compliance with local and international safety codes.
- Negotiated and managed vendor contracts, ensuring adherence to SLAs, AMCs, and KPIs, improving service efficiency and contract execution.

Energy Efficiency & Cost Optimization

- Spearheaded energy-saving initiatives, achieving a 10% annual reduction in energy consumption through system upgrades and efficiency improvements.
- Optimized facility budgets and CAPEX, identifying cost-saving opportunities and negotiating procurement and service contracts for critical equipment.

Safety & Compliance

- Ensured compliance with ISO, HACCP, and local safety standards, maintaining detailed audit-ready documentation.
- Implemented safety protocols and risk assessments, fostering a safe work environment for employees.

Cross-Departmental Collaboration

- Partnered with operations and safety teams to align maintenance strategies with business objectives.
- Ensured seamless coordination during peak activities, special events, and emergency situations.

Trainee Mechanical & Maintenance Engineer | Piramal Glass Ceylon PLC | July 2019 - Jan 2020

Hands-on Engineering & Maintenance

- Assisted in maintaining mechanical, electrical, and plumbing systems, ensuring operational reliability.
- Developed preventive maintenance schedules and optimized utility consumption, reducing costs.
- Conducted fault diagnosis, equipment inspections, and repairs, ensuring minimal downtime.
- Maintained safety compliance, fostering a secure and efficient work environment.

EDUCATION

- **MSc in Project Management** | University of Bedfordshire, UK | 2021-2022
- **BSc (Hons) in Mechanical Engineering** | General Sir John Kotelawala Defence University, Sri Lanka | 2017-2021
- **Machine Fitter (Millwright)** | Ceylon German Technical Training Institute (CGTTI), Sri Lanka | 2018/2019

PROFESSIONAL MEMBERSHIPS

- Associate Member - Institution of Mechanical Engineers (Membership Number: 80578196)
- Member - Institution of Engineering and Technology (Membership Number: 1100953417)

PROJECTS

Utility Cost Reduction Project | Hayleys Advantis Limited (3PL) | May 2023 – December 2024

- Spearheaded a high-impact initiative that achieved a 30% reduction in utility costs at Advantis 3PL.
- **Awards:** Gold Awards - National Convention on Quality and Productivity Award 2023 and 49th International Convention on Quality Control Circles 2024
- **Skills:** Energy Management, System Efficiency Optimization, Data Analysis and Auditing, Sustainability Practices, Lean Practices (Problem Solving Tools, PDCA, DMAIC, Kaizen)

ALC Phase 2 Expansion Project | Hayleys Advantis Limited (3PL) | January 2022 – December 2022

- Managed all client-side engineering responsibilities for the \$2 million expansion of a 120,000 sq. ft. Pre-Engineered Building (PEB) warehouse facility. Independently oversaw the project from start to finish, ensuring its successful completion within 100 days.
- **Skills:** MEP Systems Installation, Pre-Engineered Building (PEB) Systems, Civil Constructions, Quality Control, Project Management and Sustainable Design Practices

Interior Fit Out Project for FG Inspection | Hayleys Advantis Limited (3PL) | July 2024 – August 2024

- Managed the interior fit out project (FG Inspection Area) for Victoria Secrets, Nike, Decathlon and Lululemon as per the international standards. The area includes four air conditioned inspection rooms, meeting room, metal detection area and storage area.
- **Skills:** Facility Planning and Layout Design, HVAC Installation, CCTV Installation, Interior Fit Out and Project Coordination

Regional Facility Setup Projects | Hayleys Advantis Limited (3PL) | May 2024 – August 2024

- Managed the engineering scope of 13 regional warehouse setup projects across Sri Lanka for a telecommunication market leader, including securing government approvals, managing utility connections, and coordinating logistics.
- **Skills:** Interior Fit-out, Utility Connections Management, Low Voltage (LV) Electrical Installations, Air Conditioning System Installation, CCTV Installation, Vendor Coordination and Code Compliance

Cold Storage Construction Project | Hayleys Advantis Limited (3PL) | February 2024 – April 2024

- Led the successful execution of two 2,000 sq. ft. air-conditioned cold storage construction projects, ensuring safety compliance and energy efficiency.
- **Skills:** HVAC System Design, Refrigeration and Insulation Techniques, Temperature Monitoring Systems, Energy Efficiency Optimization, Racking Solutions and Safety Compliance

Solar PV Generation System | Hayleys Advantis Limited (3PL) | July 2024 – November 2024

- Oversaw the installation of a 2.8 MW roof-mounted solar PV generation system, ensuring adherence to project timelines and quality standards.
- **Skills:** Solar PV System Design, Renewable Energy Integration, Project Coordination, Quality Assurance and Time Management

Facility Setup in Thailand | Hayleys Advantis Limited (3PL) | July 2022 – December 2022

- Oversaw the warehouse operations setup project in Thailand, managing all aspects of planning, implementation, and execution.
- **Skills:** Facility Planning and Layout Design, Logistics Management, Multi-Location Coordination, Implementation Strategies and International Code Compliance

SKILLS & KEY ATTRIBUTES

- Safety Compliance (ISO, HACCP)
- Energy Conservation
- Emergency Management
- Team Leadership
- Project Management
- Technical Expertise (HVAC, MEP)
- Budgeting and Procurement
- AutoCAD and MS Office

SPECIAL TRAININGS

- Trained Fire Fighter
- First Aid Training
- Lean White Belt Training