

KAVIYARASAN

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📍 Karur, Tamil Nadu,
India, 639004.



Passport no: Z5279730
Expiry: 06/01/2029



Visa Category: V-1 (Canada)
Expiry: 05/01/2029

KEY SKILLS

- An ability to work well under pressure.
- Good verbal and written communication skills.
- Plc based machine problem solving skills.
- Efficiency and organisations.
- Team working skills.
- Equipment Repair & Troubleshoot.
- MS Office knowledge & E-Plan Drafting.

EDUCATION & TRAINING

2009 - 2012

Diploma Electrical and Electronics Engineering,
Arulmurugan Polytechnic College.

2005 - 2007

Higher Secondary School, Tamilnadu State Education Board.

1999 - 2005

Secondary School, Tamilnadu State Education Board.

PERSONAL SUMMARY

Electrical engineer with over 6+ years of experience in the field of Industrial Automation manufacturing and maintenance. Has hands-on experience in managing equipments and machine maintenance in continuous products manufacturing industries/organisations.

PROFESSIONAL EXPERIENCE

Maintenance Engineer

Orbit Technologies. | June 2017 - Present (KACST-KSA)

As the Maintenance Engineer I am responsible for Solar PV module manufacturing machinery and equipment maintenance for work/ runs smoothly and reliably with the full efficiency.

Key Responsibilities

- Carrying out routine scheduled maintenance work and responding to equipment and Robot faults.
- Diagnosing breakdown problems.
- Fitting new parts and making sure equipment is working correctly.
- Carrying out quality inspections on jobs.
- Fitting new parts and making sure equipment is working correctly.
- Controlling maintenance tools, stores and equipment.
- Dealing with emergencies, unplanned problems and repairs.
- Working with specialist equipment, such as programmable logic controllers (PLC), which control machinery on factory assembly lines.
- Writing maintenance strategies to help with installation and commissioning guidelines.
- Ensuring there is continuous cover of the machinery and equipment in case of breakdowns.

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INTERESTS

- Commissioning
- Servicing
- Troubleshooting
- Trainings

AWARDS

- Based project winner
- Kaizen for Cost Saving
- Kaizen for product quality improvement

Achievements

- Increased productivity without any deviation in the product.
- Implemented water recycling in glass washing machine.
- Work and resolved of repeated breakdowns.
- Resolve and reduced process rejection.

Assistant Engineer - Maintenance

**Schneider Electric Pvt Ltd. | June 2014 – Dec 2014 (3rd party)
Dec 2014 – May 2017**

As the Assistant Maintenance Engineer I am responsible for Switchgear (MCB) manufacturing production line machinery and equipment maintenance for work/ runs smoothly and reliably with the full efficiency.

Key Responsibilities

- Carrying out routine scheduled maintenance work and responding to equipment faults.
- Diagnosing breakdown problems.
- Fitting new parts and making sure equipment is working correctly.
- Carrying out quality inspections on jobs.
- Fitting new parts and making sure equipment is working correctly.
- Controlling maintenance tools.
- Dealing with emergencies, unplanned problems and repairs.
- Working with specialist equipment, such as programmable logic controllers (PLC), which control machinery on factory assembly lines.
- Ensuring there is continuous cover of the machinery and equipment in case of breakdowns.

Achievements

- Reduced the spare parts cost with the help of in-house rework of pick & place gripper cylinders. (Rexroth)
- Reduced the spare parts cost with the help of in-house rework of rod less cylinders. (Rexroth)
- Work and reduced the frond hood dropping issue in MCB manufacturing line.
- Work and Resolved the MCB dropping issue from the moving conveyor.

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TRAININGS

- Operating of all tools & Instruments
- Electrical standards
- Activity of machine commissioning
- Inspection of sheet metal parts
- 5s Implementation

Technician

Titan Industries Limited. | Sep 2012 – Aug 2013

Sep 2013 – June 2014 (3rd Party)

As the Technician I am responsible for managing the electrical assembly, testing & commissioning of machines. In-depth knowledge of application of various types of electrical components and Sensors, PLCs, HMI, and Control panels.

Key Responsibilities

- Assembly of various component and wiring of control panels and machines for interconnections.
- Understanding electrical circuit diagrams, BOM (Bill of Material), general drawing for wiring.
- Project wise materials arrangement.
- Review daily work activities with supervisors.
- Pack finished products for shipment.
- Fabricate or modify parts based on project requirement.
- Maintain of electrical assembly regular consumption of parts and monthly stock.

Achievements

- Machines commissioning in KSPG customer end Pune.
- Machine safety wiring modification done at INTEVA customer end Pune.
- MCB manufacturing line commissioning in SCHNEIDER ELECTRIC customer end Chennai.
- More than ten projects machine wiring & Commissioning completed.

REFERENCES

- Prabhat Singh: +966 506689305 – Project Manager – Orbit Technologies.
- Madhu Shivallingappa: +91 9945086119 – Assistant General Manager – Schneider Electric Pvt Ltd.
- Krishnamurthy: +91 9486352050 – Manager – Titan Industries Ltd.