

Girish Swami

Mechanical Engineer.

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**About me:**

Safety, quality and cost-conscious maintenance professional with 16 years of experience in maintenance and maintenance planning.

A team player, mentor, troubleshooter and learner.

A person who loves machines and their maintenance, who likes to work with own hands.

## Career Progress:

Role	Period	Organization
Engineer Trainee	Oct 03 - Aug 04	Greaves Cotton Ltd.
Manager	Aug 04 - Apr 09	Reliance Industries Ltd.
Deputy Manager	Apr 09 - Jul 11	Deepak Fertilizers (DFPCL).
Associate Manager	Jul 11 - Sept 12	Jindal Praxair Oxygen Com. Pvt. Ltd.
General Manager	Sept 12 - Dec 18	Reliance Industries Ltd.
Associate General Manager	Jan 19 – Jan 20	Peak Infrastructure (PIMSPL)

## Role Overview:

<b>Greaves Cotton LTD.</b>	<b>Diesel engines manufacturing Unit</b>  Responsible for design and drafting engine accessories. Achieved engine footing modification and air filter accessory modification.
<b>Reliance Industries LTD.</b>	<b>Isopropyl Alcohol Plant</b>  Responsible for field operations of Isopropyl alcohol plant including plant laboratory tests.  <b>Captive Power Plant</b>  Progressed from the role of maintenance engineer to planning engineer to leading mechanical and instrumentation maintenance team.
<b>Deepak Fertilizers and Petrochemical Corporation LTD.</b>	<b>Ammonia Plant</b>  Responsible for mechanical maintenance of plant equipment.  <b>Methanol Plant</b>  Responsible for leading mechanical maintenance team.
<b>Jindal Praxair Oxygen Company PVT. LTD.</b>	<b>Air Separation Plant</b>  Responsible for leading mechanical maintenance team.

<b>Peak Infrastructure Management Services PVT LTD</b>	<b>National Highway assets</b>  Development of Road defect inspection checklist and implementation of Mobile based inspection application.
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## Career Overview:

<b>Greaves Cotton LTD</b>	<b>Skills acquired:</b> <ul style="list-style-type: none"> <li>• Understanding machine drawings and drafting.</li> <li>• Cost elements of spares.</li> </ul> <b>Contribution:</b> <ul style="list-style-type: none"> <li>• Assisted team to calculate actual cost for spares.</li> <li>• 3D modelling and 2D drafting of engine air filter accessory.</li> </ul>
<b>Reliance Industries LTD</b>	<b>Skills acquired:</b> <ul style="list-style-type: none"> <li>• Machinery &amp; equipment field maintenance.</li> <li>• Quality documentation of maintenance.</li> <li>• Inventory optimization.</li> <li>• Budgeting and maintenance cost monitoring.</li> <li>• Procurement.</li> <li>• Team building, working in teams.</li> </ul> <b>Contribution:</b> <ul style="list-style-type: none"> <li>• Inventory level setting of mechanical spares.</li> <li>• Development of metallic and non-metallic expansion joints.</li> <li>• Development of cylinder liners for reciprocating compressor.</li> <li>• Asset criticality analysis for mechanical equipment.</li> <li>• Remnant life assessment of boiler pressure parts.</li> <li>• Gas turbines uprate modification.</li> <li>• Generator stator swapping between steam turbine and gas turbine.</li> <li>• Boiler pressure parts revamp.</li> <li>• Steam turbine condenser tubes replacement.</li> <li>• Steam turbine lube oil system modification for provision of Overhead tank lube oil system for safe shutdown.</li> <li>• Steam turbine lube oil system modification related to provision of oil accumulators.</li> </ul>

	<ul style="list-style-type: none"> <li>• Steam pipe support modification for correcting thermal growth.</li> </ul>
<b>Deepak Fertilizers and Petrochemical Corporation LTD.</b>	<p><b>Skills acquired:</b></p> <ul style="list-style-type: none"> <li>• Static equipment maintenance.</li> <li>• Fabrication</li> </ul> <p><b>Contribution:</b></p> <ul style="list-style-type: none"> <li>• Steam turbine bearing pedestal sliding surface correction to correct tripping problem.</li> </ul>
<b>Jindal Praxair Oxygen Company PVT LTD.</b>	<p><b>Skills acquired:</b></p> <ul style="list-style-type: none"> <li>• Cryogenic pumps maintenance.</li> <li>• Oxygen service equipment cleaning.</li> <li>• Acquiring field machinery vibration readings.</li> <li>• Rigging jobs.</li> <li>• High speed bearing maintenance.</li> </ul> <p><b>Contribution:</b></p> <ul style="list-style-type: none"> <li>• Air filter improvement - washable filter solution.</li> <li>• Cooling tower maintenance.</li> <li>• Centrifugal compressor IGV maintenance.</li> </ul>
<b>Peak Infrastructure Management Services PVT. LTD.</b>	<p><b>Skills acquired:</b></p> <ul style="list-style-type: none"> <li>• Planning process for highway assets.</li> <li>• Road defect inspection.</li> </ul> <p><b>Contribution:</b></p> <ul style="list-style-type: none"> <li>• Development of road defect inspection checklists.</li> <li>• Implementation and training of road defect inspection mobile based application.</li> </ul>