

# PAUL GEORGE

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| EDUCATION          | <p>Texas A&amp;M University, College Station, Texas</p> <p>Master of Science in Industrial Engineering, May 2020</p> <p>BMS College of Engineering, Bangalore, India</p> <p>Bachelor of Engineering in Mechanical Engineering, May 2014</p>  |
| COURSE WORK        | <p>Engineering Data Analysis   Production &amp; Inventory Control   Lean Manufacturing   SSGB   Graph Theory   Advanced Quality Control   Optimization Theory   Statistical Process Control   Signal Detection Theory</p>  |
| EXPERIENCE         | <p><b>L&amp;T Technology Services, India</b> October 2014 - March 2018</p> <p>Client: <b>Senvion</b>, Bangalore, India</p> <p><i>Team Lead</i>, April 2017 – March 2018</p> <ul style="list-style-type: none"><li>• Led Wind Turbine team of 6. Introduced new processes to improve quality, customer and management appreciation was well received for innovations. Managed data pertaining to manufacturing and created reports.</li><li>• Delivered vendor management, cost analysis   Designs- Jig, fixtures &amp; parts – sheet metal, surfacing, solids.</li></ul> <p>Client: <b>Aeroconseil</b>, Toulouse, France</p> <p><i>Reliability Engineer</i>, March 2016 – March 2017</p> <ul style="list-style-type: none"><li>• Shadowed leaders to understand flight control, hydraulic and landing gear breaking systems</li><li>• Integrated and analyzed simplified FTA from PSSA for aircrafts using a top down approach to arrive at basic events  Electrical Wire Interconnection System. Implemented continuous improvement plan. Introduced Macros.</li><li>• Performed Common Mode Analysis (CMA) to eliminate redundancy. Quality standards understood for RCA</li></ul> <p>Client: <b>Flextronics</b>, Juarez, Mexico</p> <p><i>Manufacturing Engineer</i>, October 2014 – February 2016</p> <ul style="list-style-type: none"><li>• Process Planning plus Manufacturing and Operational Tooling   Transfer of Technology (Industrie 4.0)</li><li>• First Article Inspection Report AS 9102: document dimensions of precision engine components using Inspection Expert for quality   Six sigma implementation   Statistical Process Control.</li><li>• Developed &amp; utilized CAD Model, Detailed, Validated complex engineering drawings (Solid Works), CMM Programming (PC DMIS 2014), and 3D Printing of precision Aero components (FDM, Stratasys) in role</li></ul> |
| PROJECTS COMPLETED | <ul style="list-style-type: none"><li>• Developed automated tool for forecast and aggregate plan the operational demand for Arconic Industries. The tool will automatically update with new long-term sales forecast data. (Fall – 2018)</li><li>• Analyzed trend, demand and developed tool to determine the optimal order quantity, re-order schedule, and the safety stock for VTI industries. (Fall – 2018)</li><li>• Developed Lean bottling line and production unit plan for Kristen Distributing, for their new production unit.</li><li>• Analyzed performance data of more than 20000 athletes with 150 + attributes   Predicted overall skills   Classified as per their potential   Machine learning, statistical learning methods were understood and utilized.</li></ul>   |
| SKILLS             | <p>Computer Proficiency: VBA, MS Excel, C, C++, SQL, VB.Net, MS Power point, PDF Editor, Visio</p> <p>Design Proficiency: R, MATLAB, CATIA V5, Solid Works, PCDMIS, AutoCAD, IDEF, MRP</p> <p>Domain Proficiency: Forecasting, OSHA, Production Planning, New product development, VSM, 5S</p>   |
| WORK ACHEIVEMENTS  | <ul style="list-style-type: none"><li>• <i>Customer appreciation for 140% efficiency in completing the projects. Kaizen principle used.</i></li><li>• <i>Recorded 100% on-time delivery and 98% quality over the 3.5 years of work tenure. KPI identified.</i></li><li>• <i>Over 20 fixture designs completed and accepted by customer; Aided 20% manufacturing cost reduction</i></li><li>• <i>Certified in GD &amp; T; Abstracts and ideas on Rapid Prototyping short listed for white paper in Tech Panorama event conducted in L&amp;T TS</i></li></ul>  |
| OTHER ACHEIVEMENTS | <ul style="list-style-type: none"><li>• <i>Member Aggie Toastmasters, Texas   Student Assistant at NYE Academic Centre   Tutor – Statistics, Math</i></li><li>• <i>Winner technical treasure hunt conducted in L&amp;T Technology Services</i></li><li>• <i>Won 2nd place in State &amp; District Yoga championship (2008)   Captain Soccer team (ranked 16/100)</i></li></ul>   |
| INTERNSHIPS        | <p>Schunk Metals and Carbons Limited   Cochin Port Trust Summer 2013   Summer 2012</p> <ul style="list-style-type: none"><li>• Interned in production unit of Schunk. Aided new designs, quality checks for electrical pantographs</li><li>• Interned in Cochin Port Trust assisting the maintenance of 5000 KW ship engine.</li></ul>   |
| AUTHORIZATION      | <p>Eligible to work in the United States for 36 months with practical training without sponsorship.</p>  |