

Paul George

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S U M M A R Y

Industrial Engineer with over 4 years of progressive experience developing and fulfilling industrial processes and solutions those align with business objectives.

Trusted resource to leaders and stakeholders that collaborates with cross-functional project teams in diverse global environments.

Strong technical expertise that leverages available resources to resolve internal and external issues with clients and stakeholders to generate revenue and contribute to organizational growth.

E D U C A T I O N

MASTER OF ENGINEERING

Industrial Engineering, May 2020

Texas A&M University, College Station, TX

BACHELOR OF ENGINEERING

Mechanical Engineering, GPA-3.5, May 2014

BMS College of Engineering, Bangalore, India

Lean Six Sigma Green Belt Certification

GD&T Certification

Advanced Excel Certification

S K I L L S

Design of Experiments ▪ Maintenance Plan
Advanced Quality Control ▪ ISO9001
Data Analysis ▪ Statistical Process Control
Lean Manufacturing ▪ Root Cause Analysis
New Product Implementation ▪ DFM
Project Management ▪ OSHA ▪ Forecasting
Team Management ▪ DFMEA ▪ AS9100
Troubleshooting ▪ Value Stream Mapping
CAD/CAM ▪ Technical Documentation
Supplier - Vendor Management ▪ Purchasing
Supply Chain ▪ Procurement ▪ ERP

E X P E R I E N C E

IKO Southwest Inc. ▪ United States Jun/2019 – Present

Reliability CO-OP Engineer | Texas, USA

Liaison between reliability, maintenance and production teams, and yield a 100% production run time by applying lean methods.

- Manage equipment spare parts list, drawings, database connecting vendors and suppliers in CMMS, to achieve 100% efficiency.
- Apply Kaizen, 5S, created SOP's, standard work chart for production team. New system helps to recover OEE to 98%

L&T Technology Services ▪ India Oct/2014 - Mar/2018

Manufacturing Engineer | Flextronics | California, USA

Relocated facility implementing over 30 Process Plans and standard operating procedures in efforts to transfer and upgrade technology.

- Completed projects with 140% process efficiency and supported set up of Industry 4.0 introducing quality plans, failure mode analysis
- Enhanced quality 30% by means of AS9102 documentation for precision aerospace components with Inspection Expert
- Created, detailed and validated engineering drawings of over 1500 dimensions per drawing with SolidWorks and CMM Programming
- Reduced cycle time 30%, by fused deposition model 3D Prints for deciding optimal tool movement, and efficient jigs and fixtures

Mechanical Design Engineer | Senvion | Bangalore, India

Established innovative manufacturing solutions for Wind Turbine division. Team supervisor aided to secure new business worth \$50k.

- Recorded 100% on-time delivery and 98% quality with over 20 components designed, manufactured
- Enhanced labor standards and decreased non value added time 15% by introducing ergonomic and safe maintenance equipment
- Influenced manufacturing cost reduction by 20% by connecting suppliers with given budget of \$10k

Reliability Engineer | Aeroconseil | Toulouse, France

Partnered with leaders to troubleshoot flight control systems to achieve 100% certification rate for aircrafts. Led a team of 6.

- Integrated and analyzed 24 system documents for Fault Tree Analysis of aircrafts with top down approach
- Implemented continuous improvement plan and developed macros to automate analysis of Electrical Wire Interconnection System
- Eliminated redundancy and improved reliability by 25% by performing Poka-Yoke

T E C H N I C A L S K I L L S

Computer: R, MATLAB, Mini tab, Tableau, VBA, MS Excel, C, C++, SQL, VB.Net, JMP, MS Project, Outlook

Design: CATIA V5, SolidWorks, Visio, PCDMIS, AutoCAD, IDEF, A3, FMEA, MRP, Bluebeam, MS Power Point