

## **JOEL K. GEORGE**

England , United Kingdom

Contact: +447826268520

Email: [joelgeorge3487@gmail.com](mailto:joelgeorge3487@gmail.com)

<https://www.linkedin.com/in/joel-karleth-george-604b99205>

Hold Full UK Driving License

### **PERSONAL PROFILE**

Detail-oriented Engineer with Six Sigma Yellow Belt & strong educational background in Mechanical Engineering and Quality . Is eagerly waiting for an opportunity to work in a world class organisation where my demonstrated skills in Manufacturing, Quality Assurance Instrumentation ,Automation electronic systems and other technical Equipment will be greatly challenged in achieving the company's goals and objectives in development. Proven ability to utilise inspiring leadership, personal drive, creative vision and analytical skills. Helping to yield for the successful delivery of both team and individual goal leading to actively contributing to organisational growth.

### **INDUSTRIAL KNOWLEDGE**

- Instrumentation, Control, And Automation (Ica) Expertise
- Procurement And Program Management
- Root Cause Analysis And Corrective Action Implementation
- Team Leadership And Recruitment
- Hses Compliance And On-Site Safety Management
- Fmea, 8d, And Lean Manufacturing
- Advanced Proficiency With Tools: Canalyzer, Diagalyser, Sap, And Solidworks

### **WORK EXPERIENCE**

#### **Manufacturing Quality Engineer**

Segula Technologies ( Client : Stellantis UK - PSA Group)

April 2023 - Present

- Conducting diagnostic testing and analysis on vehicle systems ,ensuring complians with ISO 9001 Standards .
- Manage PPAP submissions for new product launches, ensuring timely approval and smooth production ramp-up.
- Performs Failure Modes and Effects Analysis and develops Control Plans to mitigate process risk.
- Perform in-depth root cause analysis on non-conforming products using 8D, Ishikawa, and 5 Whys techniques, resolving 95% of quality issues within the targeted timeframe.
- Performs investigation from the shop floor to the engineering lab to identify and eradicate defects from the product using numerous Root Cause Analysis Tools.
- Interfaces with company employees, suppliers, customers, and regulatory agencies to ensure compliance with contractual, company, and regulatory requirements.
- Possesses the ability to comprehend the manufacturing line's build process, interpret engineering specifications from drawings, understand operational planning requirements, and correlate these elements to ensure alignment or identify discrepancies.
- Skilled in collaborating with teams to create PFMEAs (Process Failure Mode and Effects Analysis) and control plans.

- Leverages knowledge of quality policies and practices to design, document, and sustain quality systems and operational procedures.
- Plan and implement manufacturing process improvements, including hardware and tool validation, variability reduction, and assembly operation enhancements.
- Conduct design reviews to ensure quality considerations are integrated into products and tools during the development phase.
- Perform configuration audits and reviews of tools, products, and processes to maintain compliance and functionality standards.
- Collect, analyse, and interpret process capability data and models to perform trend analysis and risk assessments.
- Ensured a safe work environment by identifying hazards and adhering to HSE standards during diagnostic and maintenance activities.

### **Quality Coordinator**

Xandor Automotive, Scotland

May 2022 – April 2023

- Monitored and supported quality performance in the production department, driving continuous improvement.
- Support external quality Key Performance Indicators (KPI) management for achieving targets, driving improvement/corrective actions and escalation
- Collaborate and lead internal and external resources in order to achieve project/program timing
- Provide supervision necessary to perform, administer or direct rework/repair methods and processes in compliance with engineering standards
- Investigated root causes of quality issues, achieving a 50% reduction in product defects.
- Addressed customer inquiries and complaints, ensuring high levels of satisfaction and retention.
- Used mold attribute charts and Kaizen cards to enhance productivity and lean manufacturing.

### **Production Supervisor**

JP Engineering Pvt Ltd, India

August 2019– September 2021

- Coordinated production phases from design to dispatch, ensuring timely manufacturing.
- Monitored manufacturing processes to meet and improve plant efficiency and quality targets.
- Developed and implemented quality control procedures and standards for product manufacturing and assembly.
- Conducted daily machine checks, addressing quality issues with operators.
- Reduced process variations to Six Sigma standards.
- Managed continuous improvement activities, including Kaizen events, DMAIC processes, and Six Sigma projects.
- Assisted in production quality assurance, operational qualification, and labour management.

## **EDUCATION**

### **M.Sc .in Quality Management**

University of the West of Scotland, Glasgow, United Kingdom

September 2021 – September 2022

**B.TECH. in Mechanical Engineering**  
Pondicherry University, India  
May 2015 – August 2019

**CERTIFICATIONS**

- Six Sigma Yellow Belt (CSSYB™)
- PLM Certification
- High Voltage Vehicle Training Certification
- Learning Minitab