

Brijesh Bharat Patel

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PROFILE:

To contribute to a world-class manufacturing team by utilizing my knowledge of Lean Six Sigma principles, including the 5S and KAIZEN methods, to improve Quality, Productivity, and Safety (QPS) in a high-performance manufacturing environment. Leveraging my leadership and problem-solving skills, I will guide teams in tackling challenges using tools like the 5 Whys, Fishbone, and Ishikawa diagrams, ultimately enhancing efficiency, product quality, and safety standards. I aim to cultivate a culture of continuous improvement while meeting production targets and ensuring operational excellence.

EDUCATION:

MSc Engineering Management

January 2022 - January 2023

Master's Degree, Aston University, United Kingdom.

Electronics Engineering

September 2015 - June 2018

Bachelor of Engineering, Bharati Vidyapeeth's College of Engineering, India

Result – **First Class with Distinction**

Electronics and Tele-Communications

July 2011- August 2014

Polytechnic Diploma, Dr D. Y. Patil Polytechnic, India

Result – **First Class**

WORK EXPERIENCE:

Quality Engineer

January 2026 – Present

Powerlite Electricals Private Limited, India

- Ensured quality compliance of power and distribution transformers in line with IEC, IEEE, ANSI, and ISO 9001 standards.
- Conducted incoming, in-process, and final inspections for core, coil, insulation, tank fabrication, and final assembly.
- Reviewed and validated routine, type, and special test results, including ratio, resistance, insulation, impulse, and temperature rise tests.
- Managed Non-Conformance Reports (NCRs) and led root cause analysis using 5-Why and Fishbone methodologies.
- Implemented Corrective and Preventive Actions (CAPA) to improve product reliability and reduce rework.
- Coordinated with production, design, testing, and supply chain teams to resolve quality issues.
- Supported customer inspections, audits, and third-party certifications.
- Maintained quality documentation, inspection records, and full product traceability.
- Monitored process quality through SPC, control plans, and continuous improvement initiatives.

Engineer – Technical Support

May 2025 – October 2025

D-Link India Limited, Ahmedabad, India

- Managing Tender processes, including tender compliances, pre-bid and competition analysis.
- Conducting technical discussion in partner/customer meetings.
- Providing product/solution orientation training to partners/customers.
- Preparation of solutions and bill of quantities (BOQ).
- Conducting site survey with partners if necessary.
- Proactively monitoring projects and offering pre-sales inputs for both tender and non-tender opportunities.

Quality and Production Associate

November 2023-April 2025

Jaguar Land Rover, Solihull, Birmingham, United Kingdom

- Performed in-line and end-of-line quality inspections on MLA and D7A vehicle platforms, utilizing precision measurement tools and digital inspection systems to verify dimensional accuracy, assembly integrity, and compliance with engineering specifications.
- Conducted root cause analysis using structured problem-solving frameworks (e.g., 5 Whys, Fishbone Diagram) and supported the implementation of Corrective and Preventive Actions (CAPA) to eliminate reoccurring defects.
- Applied Lean Six Sigma methodologies and tools (including DMAIC, 5S, and Kaizen) to drive continuous improvement across both production and quality assurance workflows.
- Developed and updated Standard Operating Procedures (SOPs) and Work Instructions (WIS) in collaboration with Process Engineering and Quality Assurance teams to standardize manufacturing practices and minimize process variation.
- Utilized real-time production and quality data to identify process deviations, perform trend analysis, and initiate escalations or containment actions as required.
- Supported the execution of process capability studies (Cp/Ck) and contributed to PFMEA reviews to assess and mitigate potential failure modes during vehicle assembly.
- Collaborated with cross-functional teams (Production, Quality, Safety, Engineering) to ensure alignment with Jaguar Land Rover's APQP standards and regulatory compliance.
- Maintained rigorous health, safety, and environmental (HSE) compliance during all production and inspection tasks, ensuring adherence to corporate policies and industry best practices.

Retail Sales Assistance

February 2022-December 2022

Nisa Local, Birmingham, United Kingdom

- Taking an active role in stocking shelves in accordance with company procedures and policies, using initiative to fill gaps, and ensuring compliance with stock replenishment guidelines.
- Maintaining efficient stockroom controls, ensuring a continuous supply of stock, and keeping accurate stock records. Remaining vigilant at all times to minimize stock loss.
- Adhering to the company's policies regarding waste management and write-offs.
- Developing a strong understanding of sales techniques in a retail environment to provide exceptional customer service and drive performance.

Associate Consultant

April 2021-January 2022

Sequaretek IT Solutions Pvt Ltd, Mumbai, India

- Managing CyberArk/Arcon applications for access management, ensuring secure handling of privileged accounts through password management protocols.
- Analyzing and optimizing the performance of web-based portals to ensure efficiency and security.
- Resolving system errors and ensuring robust security, including integration with Deep Security.
- Managing incident response and report generation, including raising Change Requests (CRQs) and Remedy tickets.
- Overseeing daily security operations and implementation projects for ARCOS PAM at Kotak Mahindra Bank Limited, ensuring smooth execution of security measures.

CERTIFICATION:

- **Chartered Management Institute (CMI)** July 2023
CMI certified level 7 in Strategic Management and Leadership Practice, Applied Research for Strategic Leaders and Strategic Management Project.
- **Lean Six Sigma Green Belt** June 2021
Knowledge of DMAIC and DFSS 6 Sigma project techniques with in-depth understanding of statistical tools and techniques

PUBLICATIONS:

- **International Journal of Advance Research in Science and Engineering (IJARSE)** March 2018
Brijesh Bharat Patel, Ziauddin Jallaaddin Khan.
"3-Axial CNC Router To 3D Printer" ISSN(O):2319-8354, ISSN(P): 2319-8346, IJARSE, Volume 7, Special Issue 1, March 2018.
http://www.ijarse.com/images/fullpdf/1526041868_BVNC-67.pdf
- **8th National Conference on Emerging Trends in Engineering and Technology (NCETET)** March 2018
Brijesh Bharat Patel, Ziauddin Jallaaddin Khan.
"3-Axial CNC Router To 3D Printer" ISBN: 978-93-87793-03-0, NCETET, March 2018.
<http://www.data.conferenceworld.in/BVCOE18/55.pdf>

AWARDS:

- **Honoured First Prize** in National Conference (NCETET) 8th NCETET 2018
Bharati Vidyapeeth's College of Engineering, Kolhapur
- **Rewarded Second Prize** in Project Presentation Techno Bharati 2018
Bharati Vidyapeeth's College of Engineering, Kolhapur
- **Secured Third Prize** in Project Presentation Logistack 2015
Kolhapur Institute of Technology's, Kolhapur
- **Finalist** in Innovatia in Paper Presentation Electrovert 2014
Walchand College of Engineering, Sangli
- **Awarded Second Prize** in Project competition and exhibition Avishkar 2013
Dr. D. Y. Patil Polytechnic, Kolhapur