

SUMMARY:

An Industrial & Mechanical Engineering Professional with 6+ years of proven success and experience in the areas of Lean Six Sigma, Quality, Reliability, Project Management, Supply Chain Management, Health and Safety, and Human Engineering in the business environment to enhance productivity through innovation and continuous improvement.

PROFESSIONAL CERTIFICATION

ASQ Certified Reliability Engineer (CRE)

PMI Certified Project Management Professional (PMP)

IISE Certified Lean Green Belt

IISE Certified Six Sigma Green Belt

OSHA Certified: 30 Hour General Industry Safety and Health

November 2014 – December 2020**December 2015 – December 2021****November 2017 – November 2020****April 2018 – April 2021****Date of Issue: 5/3/2018****EDUCATION****Louisiana State University (LSU) Baton Rouge, Louisiana****December 2018**

Master of Science, Industrial Engineering

GPA: 3.93/4.0

Related Course Work: Experimental Statistics I & II and Multivariate Analysis, Quality control & Six Sigma, Supply Chain Management, Organizational Behavior in Public and Non-profit, Occupational Biomechanics, Human factor Engineering, Industrial Safety Management and Health Care Research Methodologies.

PROJECTS

- Application of DMAIC Six Sigma Methodology to Reduce Patient Waiting Time in Emergency Department
- Effect of Weight on Resting Heart Rate During Manual Lifting Task
- Employee Satisfaction Survey for Louisiana State University's Utilities System Department
- Glass Identification for Crime Investigation Using Multivariate Techniques

R V College of Engineering Bangalore, India**May 2006**

Bachelor of Science, Mechanical Engineering

EXPERIENCE**Graduate Research Volunteer****October 2018 – Present**

- Mentoring and training graduate students in the ergonomic lab and research.

Graduate Service Assistant at Facility Services, LSU**May 2018 – August 2018****Baton Rouge LA****January 2017 – August 2017**

- Audited, created and updated facility floor plans in database system using AutoCAD & FAMIS Accruent
- Coordinated and managed the change verification of updated floor plans from stage to production release

Graduate Research and Teaching Assistant at Department of MIE, LSU**September 2017– May 2018****Baton Rouge LA**

- Authored a draft R3 research grant proposal for National Institute of Health (NIH)
- Taught Occupational Biomechanics & Human Factor Engineering course labs and mentored 20+ student teams in completing semester projects
- Conducted Occupational Safety Workshops and demonstrated safe practices to Mechanical, Electrical and Chemical engineering graduate and undergraduate students

Deputy Manager, Product Development and Testing**September 2006 – August 2016****Bharat Electronics Ltd. Bangalore, India**

- Designed and developed electronic enclosure modules through SAP product and project life cycle management
- Developed robust and light weight enclosures using lean manufacturing and rapid prototyping techniques
- Engineered and manufactured jigs and fixtures for vibration and environmental tests
- Coordinated and supported the production team in stream lining and standardizing the assembly and QA processes
- Collaborated with vendors for automotive engine test rig development and gearbox design
- Planned and led the project team for the quality compliance test of auxiliary power supply and HVAC systems
- Organized and trained customers on product performance and operation
- Achieved cost savings through FMEA, root cause analysis, quality improvement and Six Sigma projects
- Authored and documented product user and maintenance manuals

SKILLS

Technology: SolidWorks, AutoCAD, SAP ERP, Microsoft Office Word Excel PowerPoint Project, SAS, JMP, HumanCAD, 3DSSPP, ISO 9001.

ASSOCIATION

Member of ASQ, Project Management Institute (PMI), Institute of Industrial and Systems Engineers (IISE) & American Society of Safety Professionals (ASSP)

ACTIVITIES

Volunteered for LSU Geaux Big Baton Rouge Community Service, Geaux Campus Green, Lake Maurepas Marsh Planting. "2017 Examiner, Louisiana Quality Foundation Performance Excellence Award Program"-August 2017.