VENKATAKRISHNA PERIVILLI *PSM-I, PMP, ASQ SSGB*
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SUMMARY

➢ Certified **Project Management Professional (PMP)** by PMI.Org -Licensed # 2109494
➢ Certified **Six sigma Green Belt** (**SSGB**) by American Society Of Quality **(ASQ)**- # 19105
➢ Certified as **Professional Scrum Master (PSM-I)** by Scrum.org
➢ **5+** years' experience combined in **Project Engineering & Management,** Fire tube Boilers Natural gas treating & Processing equipments.
➢ Hands on experience from **concept to completion** for product manufacturing**.**
➢ Performed **Gemba walk** daily with checklist for process or product improvements**.**
➢ Hands on experience by working on different projects or tasks simultaneously.
➢ Detail oriented knowledge in **pipe stress analysis** using **Caesar II** as per **ASME B 31.3**.
➢ Gained Knowledge on **Six sigma** like FMEA and **Lean Tools** applying processes in manufacturing environment.
➢ Energetic self-starter with **effective problem solving skills** and basic knowledge in C and python.

Data Science Course Certifications:

➢ Introduction **Data Science & Machine learning** Certified by Microsoft edx no: *18dc1cd6694640969bf5f463ec7a5988*
➢ Skills: Advanced Excel, Statistical Analysis, Hypothesis testing, Machine learning essential (Linear regression, classification & clustering using Azure ML Studio).
➢ **Analyzing & Visualizing the data** with **Power BI** certified by Microsoft edx no*: 00f399c544624eb0a985f9fd5398127f*
➢ **Principles of Machine Learning with Python** certified by Microsoft edx no**:** *3aa61c08c55c47d8a6fe1854dbbff859*
➢ **(skills:** Linear Regression, Classification using Machine learning Algorithms like **SVM's, Naïve Bayes', Logistics Regression, Boosting, Neural Networks**, etc.)

PUBLICATIONS

➢ *Perivilli V.K, Zhou H et.al, "Cylinder- slider parallel manipulators for Singularity- free path Generation." ASME 2011- International Mechanical Engineering Congress and Exposition, Paper#: IMECE 2011-62328.*
➢ *Perivilli V.K, Zhou H et.al, "Optimizing the Topologies of Compliant Mechanisms Using the Improved Modified Quadrilateral Discretization Model." ASME 2012-International Mechanical Engineering Congress and Exposition, paper#: IMECE 2012-86178.*

PROFESSIONAL EXPERIENCE

Program/Project Manager **Sep '2016- Jan '2020**
Victory Energy Operations LLC (Tulsa, Oklahoma, US)

➢ Lead and represent the project/ program on Firetube Boilers from start-up to completion.
➢ Plan and prioritize the project, allocate internal and/or external resources to accomplish project tasks.
➢ Leadership of global project/ program teams in a matrix environment (team does not report to PM in a management sense).
➢ Management of vendor, including contract, and external resources in the team.
➢ Responsible for achieving the project objectives.
➢ Lead quality, timeliness and cost of the work, plus business value delivery.
➢ Ensure active and continuous risk and issue management.
➢ Keep control over the project's status and budget/spending.
➢ Report project status and issues, particularly to the Steering Committee when/where help is needed.
➢ Reviewed Boilers drawings, BOM's, etc
➢ Compliance to internal standards and policies (e.g. ASME, ASTM) and external standards (e.g. GxP) where applicable.
➢ Ensure successful handover and transition of solution to Operations

Project Manager/Engineer **Jan '2013 -Jan '2016**
Q.B Johnson manufacturing Inc (Oklahoma City, OK, US)

➢ Manage multiple, complex, cross-functional and technical projects on Natural gas equipment manufacturing.
➢ Partner with functional teams during initiation, plan, design, procurement, deployment, and post deployment phases. Responsible for managing/tracking program milestones, timeline, and overall deliverables.
➢ Create and maintain comprehensive project documentation including schedules, reviews, process documents, risk analysis, etc.
➢ Assist in the definition of project scope and objectives, involving all relevant stakeholders and ensuring technical feasibility.
➢ Drive project lifecycle milestones from concept commit through project closure and advocate change management.
➢ Use metrics and KPIs to measure project performance using appropriate tools and techniques and provide regular status updates.
➢ Drive internal process improvements; remove gaps, across multiple teams and functions.
➢ Ensure risks are accounted for and provide risk mitigation strategies.

- ➢ Primary project point of contact for vendor partners and internal stakeholders.
- ➢ Reviewed engineering drawings using AutoCAD. Solidworks, etc
- ➢ Coordinate and lead regularly scheduled meetings with core teams.
- ➢ Evaluate post project results against metrics; recommend or implement changes to improve delivery practices/processes.

Engineering Contractor   **Aug '2008 –May '2009**
Dr.Narla Tata Rao Thermal Power Station
- ➢ Monitored the condition of **governing systems** in steam turbines.
Gained practical knowledge on **different types of governing systems** (hydro mechanical, electro hydraulic, hydro dynamic), boilers, and
Gained practical knowledge on different governing oils and their purposes.

EDUCATION
Wharton Business School (U Penn)   **May '2020**
Business Analytics (Data to Insights)

Texas A&M University   **May '2012**
Master of Science in Mechanical Engineering   GPA: 3.8/4.0

J.N.T.U   **May '2008**
Bachelor of Science in Mechanical Engineering   (**First-class w/Distinction**)

GRADUATE RESEARCH WORK (Master's Thesis)   **Aug '2011 - May '2012**
Optimizing the Topologies of Compliant Mechanisms Using the Improved Modified Quadrilateral Discretization Model
- ➢ Designed a new discretization model for the study of topology of compliant mechanisms using **PRO-E** and **SOLIDWORKS.**
- ➢ Using the basics of FINITE ELEMENT METHODS, **analysis** had done for the design of new discretization model.
- ➢ Calculated the constraints of the design using **ANSYS.**

ACADEMIC EXPERIENCE
DESIGN OF COLD STORAGE
- ➢ Studied different types of **refrigeration methods**, **refrigerants** and their **properties** in detail.
- ➢ **Design the cooling load equipment** like evaporator, condenser, and compressor. Cooling load is rated by considering insulation.
- ➢ **Cost analysis** of the cold storage is done along with **insulation**.
SOFTWARE SKILLS
- ➢ **Design/Analysis software**: AUTO-CAD, SOLIDWORKS, ANSYS, and MATLAB.
- ➢ Windows 9X/2K/XP, MS-Word, Excel, PowerPoint, MS Project, Power BI, Python,
ACTIVITIES AND HONORS
- ➢ Active member in Project Management Institute Organization **(PMI.Org**)- Tulsa chapter **Member ID: 4868952**
- ➢ Active member in **American society of Quality (ASQ.Org)**- **Memeber ID: 65655433**
- ➢ Received **"Dotterweich Chair Scholarship"** at Texas A&M University, Kingsville.
AVAILABILITY
Immediately available and willing to relocate.