

Elsa Nlang Monsuy

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PROFESSIONAL SUMMARY

Motivated Mechanical Engineer with experience in Lean six Sigma processes, project design, manufacturing, quality control, production, and project management. Highly motivated and dynamic professional with strong communication skills. Adept in testing and troubleshoot technical problems.

PROFESSIONAL EXPERIENCE

Mechanical designer

Aug 2021 - Present

Systel - Sugar land - Texas

- Created Parts/BOMs via ERP system, leading to optimized production schedules and reduced material costs by 10%.
- Developed and revised assembly documentation using Autodesk Inventor, improving manufacturing efficiency by 15%
- Prepared detailed drawings and layouts with AutoCAD, Inventor, and SolidWorks, which minimized rework and enhanced precision in
- Supported manufacturing teams, leading to a 12% decrease in production delays
- Assisted Sales/Marketing with conceptual drawings, contributing to a 5% increase in sales

Diamonds Blocks Services

May 2019 – Aug 2021

Construction Project Manager Malabo, EG

- Manage projects including the generation of project specifications, general/conceptual design source
- Coordination and data analysis using MS Project and solid work
- Scheduled and conducted regular project meetings with contractors and engineers
- Implement continuous improvement initiatives to existing tooling and equipment
- Monitored project budgets and schedules, providing monthly updates to stakeholders.
- Implemented strategies to mitigate potential delays and cost overruns

QC Inspector

Jan 2017 – Feb 2018

AmTex Machine Product – Houston, TX

- Performed routine quality inspections to ensure consistency in all products
- Performed first article inspection and routine dimensional inspections
- Performed weekly requirement evaluations in coordination with material operations and planning teams
- Assuring that non-conforming products are properly identified and documented
- Maintains, monitor and records information pertaining to product and production
- Conducts online specification checks, dimensional inspections, and tool calibration audits

SKILLS

- Ability to provide engineer calculations, report, data sheets and specifications
- Ability to identify opportunities of continuous improvement
- Knowledgeable of computer software and hardware
- Ability to follow procedure
- Ability to communicate clearly with colleague and client
- Strong communication, interpersonal and problem-solving skills
- Strong time management skills and the ability to manage multiple priorities
- Trilingual in Spanish, English, and French

EDUCATION

University of Texas at Tyler, Tyler, TX

Jun 2014 May - 2019

Bachelor of Science, Mechanical Engineering