

John A. Gilson

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Self-motivated, driven, and thorough **Engineering Professional** with a substantial amount of diversified experience in automotive, oil and mining manufacturing, and biomedical industries. Recognized for consistently creating effective and efficient engineering improvements. Demonstrated success collaborating with skilled trades' professionals as well as production team members to clearly define objectives. Possess extraordinary talent producing cost-effective solutions leading to increased productivity, decreased labor costs, improved quality, and reduced worker's compensation claims. Areas of expertise include:

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|------------------------|--------------------------|-------------------------|
| ◆ SPC: Six Sigma/Red X | ◆ PFMEA | ◆ FMEA |
| ◆ GD&T | ◆ Bill of Material (BOM) | ◆ Bill of Process (BOP) |
| ◆ Lean Manufacturing | ◆ Gage R&R | ◆ JIT |
| ◆ Quality Improvement | ◆ QS9000 | ◆ Ergonomics |

SIGNIFICANT PROFESSIONAL ACCOMPLISHMENTS

- **Recipient of \$10K monetary award** for design, manufacture, and installation of driveshaft multiple tool eliminating most significant ergonomic concern plaguing ABC Motor Company for 30+ years.
- **Installed first ergonomic arm aids** in Arlington, Texas ABC plant. Partnered with production workers to accurately adjust tools. Facilitated operator training sessions. Reduced worker's compensation claims while increasing productivity.
- Instrumental in design and development of oil drilling bit tooling project. Eradicated cracking of tool, significantly reduced drilling time, and substantially decreased labor costs.
- **Reduced monthly parts costs by 75%**, decreased downtime, improved quality, and minimized labor/manpower by eliminating obsolete tooling.
- **Decreased build costs per 100 carriers by 80%** after designing low-cost door carrier system.
- Recruited numerous times to return to The Tooling Department to **resolve sheet metal problems**.

PROFESSIONAL EXPERIENCE

Manufacturing / Automotive

- * Assisted with product design changes for ease of manufacturing, plant layout ventures, assembly line processing, ergonomic concerns, tool design/development, lean manufacturing tasks, sourcing tool builds, and tool validation.
- * Managed **\$2MM budget**; supervised skilled trades' professionals, and facilitated continuous training programs.
- * Enhanced vehicle builds by maintaining current processes while assessing possible process upgrades.
- * Teamed with production supervisors and operators to eliminate weld process discrepancies.
- * Tested new tools, set-up and maintained repair parts, supplied tooling for new operations in general assembly, eliminated obsolete tooling, and designed and built new production tooling.

Biomedical

- * Assisted with re-opening efforts related to formerly closed hospital.
- * Evaluated existing hospital equipment; repaired or replaced equipment as necessary.
- * Instituted and coordinated preventative maintenance schedule.
- * Created bid requests and reviewed vendor bid packages.
- * Partnered with suppliers to repair existing equipment and to install new.
- * Inventoried and repaired all existing computers in old hospital facility.

Oil and Mining

- * Assessed tooling concerns and created solutions.
- * Charged with new tooling testing responsibilities.
- * Programmed drill presses and mills; tooled up new machines.
- * Designed new tooling and holding equipment.
- * Generated tool lists and process routings.
- * Produced semi-finished process drawings from finished prints.

Résumé Continued...

WORK HISTORY

XYZ Health Group/ABC Hospital; Dallas, TX **07/00 – 02/03**
Biomedical Engineer

ABC Motors; Detroit, MI and Dallas, TX **02/87 – 07/00**
Senior Manufacturing Engineer (02/95 – 07/00)
Body Shop Quality Engineer / Body Shop Tooling Engineer (06/91 – 02/95)
Portable Tool Crib Supervisor (05/89 – 06/91)
Chassis Tooling Engineer (02/87 – 04/89)

Previous engineering experience includes 7+ years' within Oil and Mining Industries

EDUCATION

LMN Community College; Dallas, TX
CISCO I Computer Networking

South County College; Austin, TX
Pre-Engineering

Smith Technical Institute; Dallas, TX
Associate of Applied Science Degree in Mechanical Engineering Technology

REFERENCES

~ Professional and Personal References Furnished Upon Request ~