

Robert Smith

Mechanical Engineer I

PERSONAL STATEMENT

7 years of experience as a Mechanical Engineer with Fluid Mechanics and Project Management skills successfully gathering and analyzing data, interpreting results, and making recommendations to improve processes and maximize system efficiencies, while coordinating and collaborating within a team environment.

WORK EXPERIENCE

Mechanical Engineer I

ABC Corporation - August 2010 - September 2015

Responsibilities:

- Experience with leading and overseeing 4 teams of 5-6 employees, per project, who were tasked with maintaining operational system parameters and ensuring on-location organization.
- Planned, scheduled, organized, and performed effective operations and processes to achieve daily system goals, as defined by the customer.
- Leveraged analytical proprietary cad software and hydraulic calculations to identify and implement opportunities for maximum system efficiency owned logistics management, including transport and delivery, with a goal to maintain the right quantity of product each day ensuring full utilization of product at project close.
- Collaborated with internal and external operators, field supervisor and technical professional teams on problem management and resolution.
- Equipment and/or operational failures were investigated within the team and recommendations were administered.
- Conducted multiple drilling fluid quality, mechanical and chemical tests, generated reports from results, and analyzed the results to determine if current treatments and processes were sufficient or needed to change based on defined parameters.
- Provided engineering technical guidance by training, mentoring and coaching new hires and operator employees on job specific tasks and computer software.

Emergency Department Technician

ABC Corporation - May 2008 - July 2010

Responsibilities:

- Accountable to the charge nurse to help secure the highest level of customer service and reduce patient wait times.
- Managed approximately 150-200 patient check-ins, intakes and triage assistance per month.
- Performed accurate measurement of patient vitals by medical device operations, which included heart activity via three-lead and twelve-lead electrocardiograms, blood glucose levels, blood pressure, pulse rates, and oxygen saturation.

CONTACT DETAILS

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SKILLS

Project Management & Team Leadership, AutoCAD, Mathcad, 2D, 3D Modeling, Finite Elemental Analysis (FEA), Hydraulics (Fluid Mechanics), Research, Design, & Development, Training, Mentoring, Coaching, Strong Analytical and Creative Thinking, Pro/Engineer (PTC Creo), and MATLAB.

LANGUAGES

English (Native)
French (Professional)
Spanish (Professional)

INTERESTS

Climbing
Snowboarding
Cooking
Reading

REFERENCES

Reference - 1 (Company Name)
Reference - 2 (Company Name)

- Assisted doctors and nurses with procedures, such as incision and drainage, sutures, staples, CPR, foreign body removal, splinting, and urinary catheters.

- Gained and developed a strong knowledge of the tool in production, equipment, and comprehensive
- Dedicated to customer service, and maintaining professionalism in the workplace with customer and workmates alike.
- Completed extensive training regarding safety standards, successfully maintained zero incident record.

Education

Bachelor Of Science in Strength Of Materials, Material & Mechanics, Fluid Mechanics, Thermal-Fluid Systems Lab, Thermodynamics, Heat - (Texas Tech University - Lubbock, TX) B.S.M.E.T. in Mechanical Engineering - 1993 (University Of Hartford - Hartford, CT) A.S.M.E. in CAD-CAE - 1985 (Waterbury State Technical College - Waterbury, CT)