



NOAH WILLIAMS

Lead Principal Piping Designer

✉ support@qwikresume.com ☎ (123) 456 7899 📍 Los Angeles 🌐 www.qwikresume.com

PROFESSIONAL SUMMARY

Accomplished Lead Principal Piping Designer with over 10 years of extensive experience in petrochemical and industrial projects. Expertise in advanced 3D modeling, design optimization, and project leadership, ensuring compliance with safety and industry standards. Proven ability to drive project success through innovative solutions and effective collaboration across multidisciplinary teams.

WORK EXPERIENCE

Lead Principal Piping Designer

📅 Feb / 2019-Ongoing

Blue Sky Innovations

📍 Chicago, IL

1. Oversaw design and implementation of piping systems for multiple projects, ensuring alignment with client specifications.
2. Collaborated with area supervisors and designers to optimize interface between disciplines.
3. Designed and integrated pig launchers into existing facilities, enhancing operational efficiency.
4. Utilized E3D and PDMS for producing detailed plans and isometric drawings.
5. Integrated laser scan data into 3D models to enhance accuracy and project outcomes.
6. Utilized Excel and Word for project documentation and reporting.
7. Acted as a liaison between field teams and design departments to ensure quality and safety standards were met.

Principal Piping Designer

📅 Feb / 2015-Feb / 2019

Cactus Creek Solutions

📍 Phoenix, AZ

1. Led piping design efforts for TANECO Refinery & Petrochemical Complex, ensuring compliance with international standards.
2. Conducted thorough checks on piping layouts, line routing, and interferences during project phases.
3. Utilized Smart Plant Review for effective model visualization and coordination.
4. Managed design responsibilities for HP and LP flare lines from initial concept to completion.

EDUCATION

Bachelor of Science in Mechanical Engineering

📅 Feb / 2012 - Feb / 2015

University of Houston

📍 Phoenix, AZ

Focused on mechanical design principles with applications in piping systems.

SKILLS

Quality Assurance



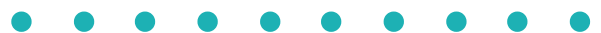
Cost Estimation



Risk Assessment



Process Flow Diagrams



Specification Development



INTERESTS

🎨 Art

🤝 Volunteering

🌲 Hiking

🧘 Yoga

STRENGTHS

🔍 Criticality

☰ Detail-oriented

🤝 Diplomacy

😊 Enthusiasm

LANGUAGES



English



Swahili



French

ACHIEVEMENTS

★ Led design optimization for a major refinery project, reducing costs by 15%.

★ Successfully implemented 3D modeling techniques that improved design accuracy and reduced rework.