

PROFESSIONAL PROFILE

Mechanical engineer with proven track record of delivering cost and schedule savings by pairing new ways of thinking with existing systems through an emphasis on people relationships.

CONTACT INFORMATION

United States of America Email KaliWest@asme.org Website www.Kalimono.com

PROFESSIONAL CREDENTIALS

PMP Associate Certification Six Sigma Green Belt Valid TWIC Valid BOSIET Certification

INTERESTS

Automotive fabrication, avid motorcycle rider, product design and concept sketching

KALI WEST

EDUCATION

Bachelor of Science: Mechanical Engineering Technology Minor: Sustainable Product Development Rochester Institute of Technology	2012 Rochester, NY
Shell Graduate Program: Pipeline-Upstream Major Projects Shell International Exploration Company	2014 Houston, TX
Shell Advanced Technical Program: Pipeline – Front End, Design, Execute Shell International Exploration Company	2017 Houston, TX

WORKING EXPERIENCE

Subsea Engineer, Royal Dutch Shell

2017- Present Develop, implement, and sustain strategies for portfolio of company tooling Houston, TX enabling completion of wells in the Gulf of Mexico from four active rigs.

Led multiple round tender negotiations delivering over 3 million USD savings * a year to company.

Decommissioning Engineer, Royal Dutch Shell

Delivered riser engineering scope required for new method used to remove steel catenary riser from tension leg platform without human divers.

 $\dot{\mathbf{v}}$ Project completed with 50% decrease in cost over conventional method used by company.

Structure Fabrication Lead, Royal Dutch Shell

Manage fabrication of several subsea structures including foundation piles for deep water project with world's deepest gas line. Accountable for interpretation of company specifications and responses to fabrication queries.

* Received Safety Hero Award for holding an All Stop during load out to prevent contractors from entering pathway of overhead loads.

Pipeline Design Engineer, Royal Dutch Shell

Standardized design for company's well jumper in Gulf of Mexico subsea tiebacks. Created design content to be included in proprietary Ipad Application for standardized equipment catalogue.

* Design used by company to execute a subsea tieback with reduced size project team on accelerated delivery schedules.

Pipeline Jumper Lead, Royal Dutch Shell

Bid and manage contracts for procurement of equipment as well as installation of steel pipe jumpers and novel pipeline crossing bridge

* Developed specifications and installed messenger wire used to initiate a flowline under a drill rig preserving first oil schedule.

2015-2016

2016-2017

Houston, TX

Houston, TX

2014-2015

Houston, TX

2012-2014

Houston, TX

KALI WEST

COLLEGIATE EXPERIENCE

Intern, Shell International Exploration Production Company

Generate buckle arrestor design and American Petroleum Institute Guideline 1111 Excel tools to improve the design Houston, TX process used by pipeline team in support of Gulf of Mexico assets.

Structural Materials Undergraduate Co-op, General Electric- Global Research Center

Design part fixtures, setup and run ion plasma deposition experiments to optimize novel repair service for aeroderivative turbine applications. Prepare and mount metal composite samples from experiments to determine mechanical properties for lead material scientist utilizing spectral electron microscope and micrograph analysis.

Reconfigured tensile machinery to increase efficiency by two times original output, resulting in decreased test result turnover times.

Intern, Shell Exploration Production Company

Denver, CO Analyzed and recommended solutions for low producing onshore gas wells in Pinedale Asset. Executed appropriate business processes for funding and job completion. Created reference manual capturing Pinedale onshore gas surface facility components and respective functions using various graphic media software.

Intern, Shell Exploration Production Company

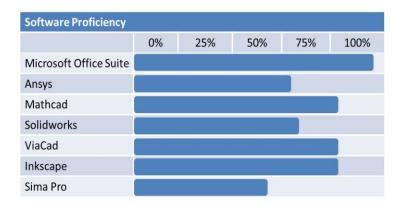
Developed equipment recommendations enabling remote access to a Gulf of Mexico oil platform over 150 miles from shore utilizing closed circuit television system technology to provide company competitive edge in restarts following force majeure shut downs.

McNair Scholar Undergraduate Researcher, Galliano Sustainability Institute-Rochester Institute of Technology Presented Paper entitled "United States Biofuel Outlook: Analysis of Future Land and Biomass Needs for Clean Air Act

Requirements". Determined the feasibility of various forms of starch and sugar based biofuels for meeting the Renewable Fuel Standards outlined in the Clean Air Act in terms of land usage and raw biomass volume.

Developed process diagram included in "Uncertainty in Life Cycle Assessment of Nanomaterials Nanomaterials: Risks and Benefits" based on audit of consumable material in laboratory scale manufacturing process of carbon nanotube batteries. Applied audit learnings to a SimaPro Life Cycle Analysis for plug in hybrid vehicles applications.

SKILLS



Project Engineering						
	0%	25%	50%	75%	100%	
Front End Engineering						
Structural Fabrication						
System Integration Testing						
Offshore Installation						
Cost Estimation						
Technical Writing						

2010 - 2011

2011

Niskayuna, NY

2010

2009

New Orleans, LA

2008

Rochester, NY