

# Jonathan Carithers



## PERSONAL SUMMARY

Jonathan came to Texas in 2006 as a Technician in Austin's cleanrooms. After stepping into the offshore market he invested himself in Industrial Process Control, Instrumentation and Human-Machine Interface design. He has since lived in Brazil and Far East Asia constructing offshore rigs with international project teams.

Jonathan co-founded KIS Solutions to fill a perceived need in all construction industries to unite the MEP and IoT processes. His goal is to effect higher quality buildings and machine infrastructure on tighter timelines through more complete commissioning and integration of engineering disciplines.

## ACADEMIC QUALIFICATIONS

B.S. Computer Engineering Technology  
Georgia Institute of Technology 1997 – 2003

## LICENCES / CERTIFICATIONS

*Niagara 4 Technical  
Certification*

## EXPERTISE

*Industrial Networking  
Hydraulics / Pneumatics  
International Electrical Specs*

INDUSTRIAL  
*PLCs, VFDs, & HMI systems  
Winch & Crane Control  
Oil Rig Machinery Control*

COMMERCIAL  
*Niagara 4 Commissioning  
BACnet & Modbus Systems*

## PERSONAL SKILLS

*Project management  
Process Development  
System Interface Integration  
Root Cause Analysis  
Technical Writing*

## CONTACT INFORMATION

*Jonathan Carithers  
Houston, TX  
c. 512.739.0704  
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## CAREER HISTORY

### KIS Solutions – Houston, Texas

*Principal-CEO* 2014 – Present

#### Duties:

- Business and Financial Management.
- IT Process Management.
- Designing Offshore Automation Systems
- Providing offshore 3<sup>rd</sup> Party Compliance services.
- Reviewing bid documents and proposals
- Generating offshore bid submittals.
- Conducting construction site visits and surveys.
- Perform config and test of Control systems.

### ABS Group – Houston, Texas

*Marine Surveyor* 2015 – Present

3<sup>rd</sup> Party Representation for offshore projects. ABS / IMO drawing analysis and verification of electrical installations.

#### Duties:

- Engineering Drawing analysis
- Life Safety Plan analysis
- Electrical and Control System Commissioning
- Generating Compliance Reports

### 3PS / Tristar / Oil States Ind. – Houston, Texas | Houma, LA

*Controls Technician and Engineering* 2006 – 2014

PLC-based SCADA system build, test and installation, created Controls division for international manufacturing company

#### Duties:

- Shop buildout and programming of Control Consoles and Cabinets
- International Shipyard system commissioning
- Full design lifecycle engineering of Winch Controls
- Vendor and Supplier Coordination
- Developed shop processes and technician training