



Developer (Engineer II – Software)

Location: Kennedy Space Center, FL

Category: Engineering

Your Impact:

DECK4 as a subcontractor on the Consolidated Operations, Management, Engineering and Test (COMET) contract provides support of implementation of ground systems capabilities, flight hardware processing and launch operations at NASA's Kennedy Space Center in Florida. These tasks support the International Space Station, Exploration Ground Systems, Space Launch System, Orion Multi-Purpose Crew Vehicle and Launch Services programs.

Responsibilities:

Candidate will be a member the COMET Control & Application Software development team in support of software development activities at the Kennedy Space Center. Tasking will require the candidate to:

- Perform technical development of software products to include requirements, design and coding, testing, and documentation.
- Provide technical support as part of the COMET GFAST (Ground Flight Application Software Team) and GSE (Grounds Support Equipment) development team. Perform integration across the COMET sub-system teams to assure continuity of the software products.
- Serve as part of the team responsible for technical integration between the GFAST, GSE and the NASA customer.
- Develop and/or evaluate work instruction packages; support of internal and project level reviews, working groups, vendor technical interchange meetings, peer reviews, code walkthroughs, and other project deliverables associated with the software delivery life cycle.
- Perform other duties as assigned.

Here's What You'll Need:



BS degree in Software Engineering, Computer Science, Computer Engineering, or a related engineering/science field from an ABET accredited institution and at least 3 years of relevant experience is required.

- Experience with Programmable Logic Controller (PLC) software
- Experience with Rockwell PLC System
- Experience with CodeSys
- Experience with FactoryTalk AssetCentre
- Experience with Linux or Unix and one or more of the following: C, C++, JAVA, Python is required.
- Experience with Agile or other similar software methodologies is desirable.
- Experience with the full life cycle of software processes (design, development, and delivery) for safety critical software is desirable.
- Knowledge of software testing and test analysis (regression, timing, failure, etc.) and the configuration, build, and delivery authorization processes of software development/delivery is desirable
- Must be a self-motivated, team player comfortable with working in a dynamic environment
- Must be a US Citizen.

Essential Functions

Physical Requirements

- Position may involve extended periods of sitting or standing.
- Physical requirements are: sitting, walking, standing, extensive use of stairs, and access to remote structures.
- Position is located on a hazardous testing facility; must be able to quickly evacuate buildings in the event of an emergency.

Work Environment



- Work will mainly be done inside, but fieldwork can be a combination of outside and inside depending on the project.
- Working at heights and in confined spaces may be required.
- Walking on uneven terrain including paved areas, gravel/rocks, and dirt/sand is required to access various locations on the facility.
- Climbing ladders and platforms will be necessary.
- All work must be completed in a safe manner in accordance with NASA and Company safety standards.

Equipment and Machines

- Computers and printers used for producing reports and schedules.
- Variety of equipment may be used.

Attendance

- **Full-time regular work hours between Monday-Friday.**
- **Position may require occasional overtime including weekend work depending on task.**
- **Must be dependable and punctual.**
- **Shift work may be required.**

Other Essential Functions

- Must be able to accurately communicate ideas in writing and verbal communication.
- Must be able to travel to support position requirements. This may include travel to and from customer location, which may involve airline travel. In some cases, accommodations can be made for POV, if necessary.
- Grooming and dress must be appropriate for the position and must not impose a safety risk/hazard to the employee or others.
- Must comply with all "drug free workplace" requirements as mandated by directives issued by the appropriate federal contracting officer and the company, which requires drug testing for use of illegal drugs by employees in sensitive positions.
- Government security clearance may be required in the future.
- Must maintain a positive work atmosphere by behaving and communicating in a manner that fosters good relations with customers, clients, co-workers, and management.

DECK4 does not discriminate. At DECK4, our objective is maintaining a professional work environment and to hire the best qualified individuals with the education, skills and abilities to satisfy the work requirements of our customers.