Director of Software Engineering

Are you tired of working on the same product year after year? Do you spend more time sitting in meetings and navigating politics than creating and enabling the next generation of automation equipment. Do you want to work daily on what you do best and have your contributions really matter?

Owens Design works with the leaders of cutting-edge technologies that are helping the world. You will collaborate with these customers to make their ideas a reality, creating complex automated systems from design to prototype. You will be part of a team removing the roadblocks that too often get in development's way, slowing results. We give our seasoned staff tremendous responsibility and accountability to deliver superior results.

Overview:

In this role, you will be responsible for managing and leading the software development team to ensure technical objectives and schedule milestones are met. As Director of Software Engineering, you will work directly with customers, program managers, and engineers to convert customer software concepts into documented software requirements. Responsible for all software aspects of a project including, design, staffing, test plans, SQA, schedule and budget, you will be managing multiple projects with overlapping schedules.

Responsibilities

- Provide budgetary input for new tool software to program managers.
- Lead and direct team members' technical work. Assign and monitor work of project staff, providing technical support and direct priorities. Use your experience to mentor and coach team members.
- Develop written software requirements and document tool control architectures.
- Participate in design reviews to ensure the design team is cognizant of software requirements and that the software design has a high probability of compliance to agreed-to requirements.
- Work with customers to understand their requirements and align software feature and performance expectations. Represent Owens Designs software capabilities and strengths from sales through shipment.
- Work with software developers and consultants to develop project cost estimates and written bids for projects.
- Create software project plans, manage resources, and monitor timelines to ensure software deliverables meet project objectives.
- Work with program managers, engineers, and production personnel to resolve tool issues that affect software operation and performance during tool startup and debug.
- Design software and control architectures for new prototype tools.

- Write functional software test plans, ensure QA testing is complete and critical bugs are resolved before tools are shipped.
- Become an application expert in order to guide new tool deployments.

Qualifications:

- Demonstrated software management and project planning skills in complex environments.
- Provide strong technical leadership for the software development team.
- Excellent written and verbal communication skills.
- Familiarity with PCs, PLCs, Safety PLCs, industrial robots, motor drivers/controllers, communication protocols, machine vision, MES, SECS/GEM.
- Understanding of source control and software release procedures.
- Experience developing software for complex manufacturing equipment in areas including semiconductor metrology, solar fabrication, disk drive, or consumer electronics.
- BA in Computer Science or equivalent with a minimum of 5 years of software management experience.

If you would like to join this growing team, please send your resume to jobs@owensdesign.com.

Why work for us?

For over 35 years, Owens Design has specialized exclusively in designing and manufacturing complex, advanced technology systems. We have focused specifically on the semiconductor, hard disk drive and solar photovoltaic industries, and have turned product development into a science. This unique process has made us successful and attracted a world-class following. We value people who are passionate about collaboration, creativity, and quality. We rigorously focus our energy on the solutions and processes to achieve our and our customer's goals.

To learn more, visit us at www.owensdesign.com