JOIN OUR TEAM TODAY!

Job Title: Graphical User Interface Developer
Location: Remote or Hybrid
Type: Full-Time
Experience Level: Entry to Mid-Level

About AstraYAN:

AstraYAN is an innovative deep-tech start-up focused on pioneering the future design of marine and naval vessels. We specialize in developing advanced engineering solutions and platform systems for smart and unmanned vessels. As a start-up, we value creativity, collaboration, and adaptability. If you are passionate about shaping the future of marine technology, we would love to have you join our team.

The Role:

We are seeking a highly motivated professional to join our team in the role of a Graphical User Interface Designer. In this critical role, you will be responsible for development of custom tools for vibration and shock analysis of machinery systems in marine vessels. You will work closely with cross-functional teams to deliver innovative solutions that address both technical and business requirements.

Key Responsibilities:

- Design and implement high-performance, responsive, and visually appealing QML-based GUI, data visualization.
- Interfacing the frontend and the C++ backend.
- Work closely with UX/UI designers, product managers, and other developers to translate requirements into intuitive interfaces.
- Interface with backend systems, APIs, and hardware components to ensure seamless functionality.
- Prepare and deliver progress reports, technical documentation, and presentations for stakeholders, ensuring clarity and effective communication across teams.
- Perform rigorous testing and debugging to ensure reliability, scalability, and robustness of the HMI

What We're Looking For:
Minimum Qualifications, Requirements:

- Proficiency in Qt framework (Widgets and QML) for HMI/GUI development.
- Proficiency in GUI Development (Python Scripting, C++, Qt, JavaScripting, HTML and CSS)
- Strong command of C++ programming language.
- Experience with cross-platform development (Windows, Linux, embedded systems).
- Responsible, disciplined, well organized, committed to self-improvement, proactive team player with good soft skills.
- Strong analytical and troubleshooting skills.

Preferred Qualifications:

- Strong fundamentals and experience in networking protocols (TCP/IP), Socket programming.
- Proficiency with communication protocols (OPC UA, CAN bus, Ethernet, serial protocols).
- Experience with version control systems, particularly Git and GitLab.
- Familiarity with real-time operating systems (Linux, VxWorks).
- Knowledge of integration with Database systems (SQLite etc.)

Why Join Us?

- **Ownership & Impact:** As an early team member, you will have the opportunity to shape the direction of our technology and processes.
- **Growth Opportunities:** Enjoy a fast-paced environment where you can wear multiple hats and develop new skills.
- **Collaborative Culture:** Work alongside passionate, innovative, and creative team members dedicated to transforming the future of marine vessels.
- **Flexibility:** Take advantage of a remote or hybrid work environment with flexible hours. We believe in achieving results, not just clocking hours.
- **Equity:** Enjoy the potential for equity options or stock grants in the company, allowing you to share in the company's success.
- **Comprehensive Benefits:** Competitive salary, health benefits, and perks to support your well-being.

How to Apply:
Please send your resume to careers@astrayan.com.