Software Developer (Fleet Core)

OTTO MOTORS ®

Phone :
Web :

Job Summary

Vacancy :
Deadline : Nov 12, 2024
Published : Oct 12, 2024
Employment Status : Full Time
Experience : Any
Salary :
Gender : Any
Career Level : Any
Qualification :

Job Description

Position:	**Software Developer (Fleet Core)**
Location:	**Kitchener, Ontario**
Job Type:	**Full-Time Permanent**
Experience:	**3+ Years of relevant related experience**
Education:	**Post-Secondary degree or diploma in Computer Systems Technology or related field**
Division:	**OTTO by Rockwell Automation**

About OTTO by Rockwell Automation

OTTO by Rockwell Automation is a global leader in autonomous technology for material handling inside manufacturing and warehouse facilities. With over five million hours of production experience, OTTO autonomous mobile robots (AMRs) are trusted in mission-critical operations for some of the world's most recognized brands. OTTO by Rockwell Automation was recognized as one of Fast Company's Most Innovative Robotics Companies of 2023. For more information, visit ottomotors.com.

OTTO by Rockwell Automation was acquired by Rockwell Automation effective October 2023. Rockwell is a global technology leader focused on helping the world's manufacturers be more productive, sustainable, and agile. With more than 28,000 employees who make the world better every day, we know we have something special. Behind our customers – amazing companies that help feed the world, provide life-saving medicine on a global scale, and focus on clean water and green mobility – our people are energized problem solvers that take pride in how the work we do changes the world for the better.

About the Job

OTTO by Rockwell Automation is looking for a Software Developer to work on the Fleet Core team as part of the Fleet Software Group, who can bring their experience and leadership to help us define, implement and deliver the next generation of OTTO Fleet Manager products.
The Fleet Software Group is responsible for the design, development and support of the Fleet Manager and software applications that allow our users to interact with, monitor and support their fleets of OTTO Autonomous Vehicles. This involves participation in the entire product workflow, from customer insight gathering, problem definition, solution proposals, application design, development, and support.
You will be working with the team to design and implement new features that extend the current architecture, with a focus on developing a framework that allows for deeper integration with factory assets and facilities. This work will involve researching and building upon current frameworks, and implementing and testing solutions at scale.

About You

You want to work for a fast-paced company that thinks big and dreams huge. You want to be surrounded by people like you; creative, fun-loving, and passionate about their work. You have experience producing and shipping reliable software and understand the value of good test cases. You are driven and want ownership of the software and processes you create and maintain. You are motivated by making an impact on your workplace and you thrive on challenging and rewarding problems. You're looking for a job where you get to interact with a diverse team and learn something new every day. You've got a real knack for coming up with solutions that make (and keep) people happy.

Responsibilities include:
• Design and implement software for managing integration with factory assets and facilities.
• Contribute to and help maintain our existing software, tools and tests.
• Create documentation of component-level architectures and contribute to knowledge bases.
• Participate in team code reviews and design reviews.
• Troubleshoot integration deployments to support customer-facing and internal teams.
• Prototype new applications and tooling, with a willingness to experiment.
• Collaborate with teams outside of the Fleet Software Group.
• Deliver features and improvements with minimal supervision.

You come ready with:
• Post-secondary diploma in Software Development or related field
• Minimum 3-5 years Software Development experience.
• Strong Object Oriented Programming experience (C++, Python).
• Experience developing software with a data persistence layer / experience with database object relational mapping libraries (SQL, Django, etc.).
• Familiarity with HTTP REST and WebSocket APIs.
• Experience using version control (Git), ticket and content management systems (JIRA, Confluence, Sharepoint)
• Experience working with Linux/Ubuntu based environments and scripting (Bash).
• Ability to communicate effectively and efficiently with both technical and non-technical stakeholders as well as other developers.
• Ability to clearly and concisely communicate complex technical and architectural problems and propose iterative solutions.

We really value:
• ROS software development experience
• Proven track record of developing comprehensive and high-quality test plans, scripts, and cases to ensure thorough test coverage and accuracy.
• Experience designing applications for scale.
• Familiarity with Continuous Integration processes.

Bonus points for:
• Experience with the Rust programming language.
• Experience with CMake, make or other software build solutions.
• Experience working with container frameworks (Kubernetes, Docker, Helm, etc.).
• Experience with data analytics and presentation tools (Grafana/Prometheus, Kibana/Elastic, etc.)
• Postgres or other database administration and/or integration experience.
• Experience developing, configuring or deploying web based applications.
• Remote / virtual software development experience.

At OTTO by Rockwell Automation, we are committed to building and supporting a culture of diversity, inclusion, and accessibility. We hire the best talent regardless of race, color, creed, national origin, ancestry, disability, marital status, age, veteran status, sex, sexual orientation, gender identity, and expression. If you require special accommodation to complete any portion of the application or interview process, please contact 1-800-301-3863.

Apply for this job

Education & Experience

Must Have

Educational Requirements

Compensation & Other Benefits