



Position: Analyst, Systems Development Asset Performance

Job Description

Northwind is looking for a talented and self-driven, customer service focused individual in an intermediate level, systems development role. The individual will be part of a team responsible for maintaining, developing, and troubleshooting a variety of software and database systems in support of Northwind's operation center (NOC). The applicant should be comfortable in a fast-paced environment where there will be multiple projects and requests happening in parallel, and priorities shift often. Prior education and/or experience in some or all of; MySQL or SQL, Python, Java, JavaScript, or other computer programming and web technology languages is necessary. Previous experience with Inductive Automation's Ignition SCADA platform would be ideal. A large part of the role will be in direct support of the NOC team for delivery of solar performance reports on a recurring basis. Developing and improving systems for data translation, data analysis, data validation, and finished report presentation will be a key part of the role. Experience with Linux Ubuntu is also an asset.

Key Responsibilities:

- Ongoing development of Ignition SCADA platform tools. Requires intermediate to advanced knowledge of Python scripting, and Java as a plus.
- On a recurring (monthly, quarterly, annually) basis assist the NOC team in producing all periodic production reports according to contractual requirements with Northwind's customers
- Assist and/or direct technical problem investigations wherever systems are down or showing suspect data from the field.
- Work with the other team members and Senior SCADA Administrator to help direct needs for monitoring system modifications and improvements.
- Assist field staff in diagnosing and correcting issues with solar asset data acquisition systems.
- Assist in maintenance of database systems and application servers
- Develop API integrations between Northwind applications and 3rd party platforms for data acquisition

Other Related Responsibilities:

- Assist and train NOC team members on technical systems where applicable
- Develop instructional documentation for use of internal software tools
- Support external clients in use of Northwind's software platform.
- Develop long range plans for internal projects as it relates to development, systems upgrades, and migration of systems when necessary to new platforms or upgraded technology.

Required Skills and Experience

- Python scripting and/or application development



- High degree of proficiency with computer systems
- High degree of proficiency with the following software:
 - Microsoft Excel, Word, Power Point
 - Microsoft Outlook
 - Variety of Web Browsers
- Solid understanding and/or experience in API development and REST interfaces using Python libraries
- MySQL or SQL database interface programming

Optional Skills:

- SCADA Systems development and operation (preferably Ignition SCADA)
- Networking basics; understanding of VPN, firewalls, routing
- Java application development
- Web technologies (HTML, JavaScript etc.)
- Experience with iFormbuilder by Zerion Software
- Experience with Oracle Netsuite

Non-Technical Requirements

- Flexibility and adaptability
- Proficient in spoken and written English
- Ontario Driver's License and able to work from Oakville, Ontario