Senior Software Engineer

For one of our customers in Gelderland, we are looking for a **Senior Software Engineer**.

Job description

As a Senior Software Engineer, you will play a key role in automating operations in high voltage grids and making electrical energy supply more secure. You will actively contribute to shaping the energy transition by developing advanced power grid control center applications.

Primary Responsibilities:
- Develop power grid control center applications for network restoration.
- Implement real-time algorithms using modern technology stacks in a Linux environment.
- Develop and integrate APIs and data models based on CIM/CGMES (Common Information Model).
- Collaborate closely with power grid and control system experts to deliver high-performance solutions.

Support Functions:
- Ensure the delivery of stable, reliable, and secure solutions for control systems.
- Collaborate with software engineering experts to pioneer architectures for power grid control center applications.

Management & Leadership:
- Contribute to and share ideas in collaborative development processes.
- Guide decisions on software architecture, balancing innovation and reliability in a critical infrastructure context.

Process & Improvement:
- Follow modern software development workflows, including Version Control Systems (Git), CI/CD, and Test-Driven Development.
- Actively participate in agile collaboration processes (e.g., Scrum, Kanban).

Additional Responsibilities:
- Stay updated on modern languages (e.g., Rust) and programming paradigms (e.g., functional and reactive programming).
- Travel Requirements: Minimal travel required.

Your qualifications

Education:
- Bachelor's degree in Computer Science, Power Systems, or related technical fields, or equivalent practical experience.

Skills & Experience:
- Several years of experience designing and implementing complex software systems with high-level languages like C++, C, or Java.

- ✔ Experience with modern software workflows (Version Control, CI/CD, Test-Driven Development).
- ✔ Strong analytical and problem-solving skills, with a focus on quality in critical infrastructure contexts.

Languages:
- ✔ Fluency in German or English.

What we offer

Click here for the **Conditions**.

Reference: 3255
Projectphase: Maintenance
Discipline: Cloud Computing, Software Development
Position: Architect, Developer
Function level: Senior, Medior
Region: (NL) Gelderland
Education: Bachelor
Experience: 3-8 years
Type of contract: Permanent
Posted at: 19-09-2024
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