(Senior) Software Developer – BAS (Business Administration Systems)

Number of Posts: 2

Contract Type: indefinite

Job description:

OpenIIoT is looking to expand its team of experts & developers in Industrial digitalization. Your task will be to develop and implement reliable, scalable, and cyber-secure IIoT & Industry 4.0 based digitalization and software solutions for companies, typically manufacturers and companies relying on heavy machinery. You will be working with your team members under the lead and guidance of the solution architect to achieve the best possible solution for the client.

Customer satisfaction and high quality are the top priorities for OpenIIoT, and with that, part of your responsibility.

Tasks:

- Develop, test, and deploy software modules as microservices to enhance our UNS-based business administration system.

- Collaborate with cross-functional teams, guided by the architect, to design and implement tailored solutions for clients.

- Write clean, maintainable, and scalable code while adhering to best practices.

- Take ownership of individual modules, ensuring quality, performance, and reliability.

- Work in an agile environment, rapidly iterating and improving the system to meet evolving requirements.

Growth Opportunities:

This role offers tremendous potential for career development:

- Leadership Path: High-performing developers can advance to roles like Lead Developer or Software Architect.

- Solution Architect Path: Transition into client-facing roles such as Solution Engineer or Solution Architect, overseeing deployment for international clients, traveling, and leading implementation strategies..

Requirements

- Business Administration System Experience

- Understanding of manufacturing, logistics, or supply chain-related administration processes is a big plus.

- Knowledge of systems like MRP, ERP, MES, or bookkeeping software is highly advantageous.

We are currently looking for a candidate with experience in the following areas:

- Python (Must Have) SQL & NoSQL (Must Have)

- C++ (Nice to Have)

- Clean coding practices (Must Have)

  o Unit testing and automated functional testing of microservices (Big Advantage)

Soft skills:

- o Highly motivated.

- o Love technology.

- o Precise & pushing for the highest quality.

- o Able to receive feedback.

- o Fully capable of the written and spoken English language.

- o Ability to work independently with minimal supervision.

- o Excellent problem-solving and teamwork skills.

- o Not a 9-to-5 mentality.

Hard skills:

- o Experience with business administration systems.

- o Proven expertise in developing broker-based microservices or similar systems.

- o Strong programming skills in building scalable and distributed systems.

- o Problem-solving and debugging proficiency.

- o Familiarity with advanced concepts such as UNS, event-driven architectures, and real-time data processing.

- o Experience with cloud infrastructure, containerization, and DevOps practices is a significant advantage.

Programming Skills:

- o Python - C++ - SQL & NoSQL - Clean coding practices

- o Unit testing and automated functional testing of microservices

- o System & Software Skills - Linux - Docker Understanding of Technical Concepts

- o Unified Name Space (UNS)

- o Broker-based microservice architectures

- o Pub/Sub communication protocols, such as MQTT

Training provided

Training will be provided as part of the onboarding and the first 3-6 months of the employment as part of the specific vacancy. In parallel we draft after the probation time a Personal Development Plan for the employee.

Any assistance with accommodation/relocation Usually we do not provide financial support for accommodation. Other financial support will be discussed on the specific requirements of the potential candidate. Obviously we do include our local network to support the candidate with settling etc.

Salary: 35k – 50k Euro

How will the interviews be held: First meeting is a 30 min online introduction meeting. Second Meeting is a 60 min online technical meeting and we provide an assignment for the potential candidate.

Third meeting is an (online) presentation of the assignment by the candidate and finalizing of the interviews.

To apply:

Please send Letter + CV in English by email to eures.recruitment.jobsplus@gov.mt copia a pcpmixto.eures@sepe.es quoting the name of the vacancy *Software Developer* and the vacancy reference **414753** in the covering email.

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