

SENIOR SOFTWARE ARCHITECT ENGINEER

(ARCHITECTURE DEFINITION & SW DEVELOPMENT ON LINUX AND LINUX EMBEDDED O.S.)

RIF.: IT-083



DESCRIPTION

Our client is a technology company, part of a Multinational group, that designs and markets solutions and services to unlock the value of data for Telco, Industrial Automation and industrial IoT environment. To support its growth path we are looking for a Sr Software Architect Engineer who will be in charge of collaborating to define architecture, design and tests of integrated software enterprise platforms

QUALIFICATIONS – EXPERIENCE - SKILLS

- University degree in Computer Science or equivalent discipline
- Minimum 10 years in software development out of which minimum 5 years of experience with same responsibilities as required by this position
- Proven experience in architecture definition and software development on Linux and Linux embedded operating systems
- Data modelling and database design
- Broad and extensive knowledge of the software development process (SDLC), methodologies, quality and performance metrics: lifecycle, quality assurance and design for testability, continuous integration and continuous deployment technologies, Agile scrum methodology
- Proven experience in designing cost-efficient, fault-tolerant, and scalable distributed systems
- Ability to identify and define requirements for an IoT platform and applications
- Ability to provide best practices for building secure and reliable applications on IoT platforms
- Knowledge about DevOps technologies, such as docker and configuration languages
- Knowledge about front-end technologies and integration
- Proficiency in back-end programming languages such as C++, go, python, java, javascript
- Hands-on technical background that enables to easily interact and give guidance to software developers and architects
- Able to work cross-functionally in dynamic and international environments and to work effectively and independently with all levels of the organization and clients
- Effective communication skills and proficient in English language

MAIN TASKS & RESPONSIBILITIES

- Collaborate with other teams to determine functional and non-functional requirements for new software and solutions
- Design the architecture of complex back-end distributed systems for IoT platforms encompassing the system architecture, from field devices to back-end / front-end platforms
- Develop applications and software components for back-end and communication middleware, running on embedded Linux platforms and Linux server
- Enhance application performance with extensive use of high-performance computing technologies and distributed database
- Oversee progress of development team to ensure consistency with initial design and adherence to software and architecture requirement specifications

LOCATION & JOB CONTRACT INFO

CH – Chiasso District, 100% (full time) – Permanent Job Contract

Please send CV (with current photo) by e-mail to luca.frigerio@4uc.ch, showing the Ref. **IT-083**; as stated in the **EU Directive 2016/679 (GDPR)**, please clearly consent to the treatment and processing of personal data present in your CV, for the Personnel Research and Selection exclusively purposes. Please also be kindly informed **we will not be able to process your application without your explicit consent**; this consent may be revoked at any time by writing to: info@4uc.ch. Finally, we will get in touch with you by when your profile will match with the posted vacancy.