SAP

C++ (Senior) Developer for SAP HANA database kernel team

Hiring Manager: Lee, Chul Won

Requisition ID: 109708
Work Area: Software-Development Operations
Expected Travel: 0 - 10%
Career Status: Professional
Employment Type: Regular Full Time

PURPOSE AND OBJECTIVES
Responsible for development focusing on design, coding, testing, quality assurance of complex product features in a development team. Resolves complex issues within own area of expertise and supports others in resolving issues. Shows initiative and drives topics to resolution in a high level of quality, speed, reliability and efficiency.
Works closely together with others and shares expertise to ensure product success.
Constantly improves own work methods to gain state-of-the-art agile software engineering skills. Enhances skills beyond own core functional focus and works on other tasks for the benefit of the team.

TASKS AND EXPECTATIONS
Responsible for design and implementation of SAP HANA In-memory database kernel
– for example:
-    Design and implementation of concurrency control and transaction processing for large-scale parallel distributed in-memory database
-    Design and implementation of high-performance OLTP data store
-    Design and implementation of database replication and HA offerings in Cloud landscape
-    Design and implementation of workload analysis
-    Design and implementation of client-server communication protocols
-    Optimization using NVM or RDMA

EDUCATION AND QUALIFICATION
- Undergraduate/graduate students or experienced programmer in the area of computer architecture, operating systems, file systems, database, compiler, programming language, parallel processing, machine learning or networking
- Business English: fluent

SKILLS AND COMPETENCIES

- Expertise in C++/C programming
- Interest and talent on solving "real" problems with new ideas and logical reasoning
- Strong responsibility and professionalism; Integrity and teamwork

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OFFICE LOCATION
21F, 235, Banpo-Daero, Seocho-gu, Seoul, South Korea

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C++ (Senior) Developer for SAP HANA SQL engine team

Hiring Manager: Noh, Jaeyun

Requisition ID: 109261
Work Area: Software-Development Operations
Expected Travel: 0 - 10%
Career Status: Professional
Employment Type: Regular Full Time

PURPOSE AND OBJECTIVES

Responsible for development focusing on design, coding, testing, quality assurance of complex product features in a development team. Resolves complex issues within own area of expertise and supports others in resolving issues.
Shows initiative and drives topics to resolution in a high level of quality, speed, reliability and efficiency.
Works closely together with others and shares expertise to ensure product success.
Constantly improves own work methods to gain state-of-the-art agile software engineering skills. Enhances skills beyond own core functional focus and works on other tasks for the benefit of the team.

TASKS AND EXPECTATIONS

Responsible for development focusing on design, coding, testing, quality assurance of specific product features in a development team. Ability to analyze and solve issues in existing and new code.

- C++ software development & programming
- Data structure and algorithms
- SQL / stored procedure processing, database & business application
- Understanding of computer hardware architecture and OS
- Ability to manage customer escalations
- Knowledge about incident solving process
- Architecture modeling & documentation

EDUCATION AND QUALIFICATION / SKILLS AND COMPETENCIES

- Business English: fluent
- Software development expertise
- Bachelor or master degree or equivalent education

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Quality Specialist for SAP HANA Platform Dev Support team

Hiring Manager: Lee, Jin Yeon

Requisition ID: 109984
Work Area: Software-Development Operations
Expected Travel: 0 - 10%
Career Status: Professional
Employment Type: Regular Full Time

PURPOSE AND OBJECTIVES
The SAP HANA Database is the basis for new, ground-breaking SAP applications and is widely agreed to be a highly valuable asset in the SAP software portfolio. In-memory computing is made possible through recent technology advances in main memory, multi-core processing, and data management. It leverages technology innovation to establish real-time analysis of business data and combines both transactions and analytics to improve existing business processes with a dramatic increase in performance. The SAP HANA Database as basis for the in-memory computing shows enormous promise as a key driver for the SAP market of the future.
The SAP HANA Database team develops an engine that performs parallel in-memory processing of huge data sets to offer extremely fast real-time responses for analytic queries.
An essential part of this team is the Quality Assurance team, which is responsible for the SAP HANA DB Development Support and the quality of the SAP HANA DB. As quality specialist in SAP Hana database development you will support customers and stakeholders in close collaboration with our core database developers.

EDUCATION AND QUALIFICATIONS/ SKILLS AND COMPETENCIES
We require that you meet the core competencies and skills listed below.
l   Very good analytical skills
l   Very good knowledge of data base architectures
l   LINUX skills and experience
l   Familiar with debugging and analyzing complex problems
l   Programming languages:

  •   Excellent knowledge of SQL

- Python and Shell-Scripting
- C++
- ABAP

l   Eagerness to improve quality of complex software written in C++
l   Ability to work well in close teamwork in an distributed team over several international locations
l   English spoken and written

A plus will be skills in
l   SAP Products and Solutions
l   Global customer support in English

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EXPECTATIONS AND TASKS
As a Quality Specialist you will be working in the development support team of SAP HANA Platform together with a group of exceptionally talented and motivated colleagues.
Your tasks will also include:
l   Debug complex database engine and Hana platform problems of customers and SAP internal stakeholders
l   Close cooperation with development: Align customer requirements with SAP Hana development
l   Provide reproducible scenarios of customer issues to developers
l   Analyze performance and scalability of the SAP HANA database
l   Communicate issues with front-office support or customer
l   Provide feedback to and work hand-in-hand with development to continuously improve supportability features and the documentation

We seek a (senior) quality specialist. We are looking for candidates who are committed to a technology career path. Your set of application documents should contain a cover letter and tabular CV, copies of the obtained degrees and references (if available).

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Quality Specialist for SAP HANA Platform Team

Hiring Manager: Hwang, Dong Won

Requisition ID: 110118
Work Area: Software-Quality Assurance
Expected Travel: 0 - 10%
Career Status: Professional
Employment Type: Regular Full Time

PURPOSE AND OBJECTIVES

The SAP HANA Database is the basis for new, ground-breaking SAP applications and is widely agreed to be a highly valuable asset in the SAP software portfolio. In-memory computing is made possible through recent technology advances in main memory, multi-core processing, and data management. It leverages technology innovation to establish real-time analysis of business data and combines both transactions and analytics to improve existing business processes with a dramatic increase in performance. The SAP HANA Database as basis for the in-memory computing shows enormous promise as a key driver for the SAP market of the future.
The SAP HANA Database team develops an engine that performs parallel in-memory processing of huge data sets to offer extremely fast real-time responses for analytic queries.

An essential part of this team is the Quality Assurance team, which is responsible for the quality of the SAP HANA Database Platform. As a quality specialist in SAP Hana database development, you will develop in-house software, infrastructure for HANA development, and complex test scenarios to build a strong quality of SAP HANA.

EDUCATION AND QUALIFICATIONS/ SKILLS AND COMPETENCIES

We require that you meet the core competencies and skills listed below.
l   Very good analytical skills
l   Very good knowledge of data base architectures
l   LINUX skills and experience

l   Familiar with debugging and analyzing complex problems
l   Programming languages (mandatory):

    ?   Excellent knowledge of SQL
    ?   Advanced python

l   Programming languages (optional):

    ?   C++, JAVA, JavaScript, HTML5

l   Excellent communication skills in English
l   Good Bachelor/Master's degree or equivalent in computer science or related technical discipline

A plus will be skills in
l   Knowledge in Git, Gerrit, Jenkins
l   Experience with network & storage system
l   Experience on web application development
l   Experience as a database quality engineer / test engineer

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EXPECTATIONS AND TASKS
As a Quality Specialist you will be working in the quality assurance team of SAP HANA Platform together with a group of exceptionally talented and motivated colleagues.
Your tasks will also include:
l   Develop internal infrastructure to enable the advanced development process of SAP HANA database.
l   Design, develop, and manage test scenarios and coverage for the cross-component/cross-functional feature set of SAP HANA database.

We seek a (senior) quality specialist. We are looking for candidates who are committed to a technology career path. Your set of application documents should contain a cover letter and tabular CV, copies of the obtained degrees and references (if available).

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