C++ (Junior) Developer for SAP HANA data types

PURPOSE AND OBJECTIVES
Are you passionate about C++ Software Development?
Do you want to start your career at the world market leader for enterprise software?
Do you see your professional development in a team of very skilled people with great team spirit?
We are looking for talents like you to join our SAP HANA Database team!

If you join the SAP HANA in-memory database team, you will be part of a team that is the basis for new, ground-breaking SAP applications. 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 significant increase in performance. The SAP HANA in-memory database as basis for the in-memory computing is the key driver for SAP market of the future.

You will be part of the development team in Walldorf with more than 100 exceptionally talented and motivated colleagues. Other development teams are located all over the world and you will be collaborating closely with them. We at the SAP HANA in-memory database team live code development in a flexible and agile way in small self-organized teams.

Within our team, we practice a trust-based working model.

To find out more about the SAP HANA in-memory database team, check out our video: http://youtu.be/-9pKaVpIBGo

EXPECTATIONS AND TASKS
As part of the HANA database development team you will evolve DML-functionality within the columnar engine: Extending and maintaining DML capabilities such as Constraints and Triggers for all data types.

We expect a seamless integration into the HANA database kernel within the distributed HANA landscape including Table Partitioning and System Replication.

In a highly agile and open-minded team you will compile specifications for new requirements, enhance our existing codebase and drive implementations based on newest software standards.

Performance optimizations, testing and monitoring - both on premise and in a cloud environment - will be part of your daily work.

In all focus areas, you can expect to...
• Write software implementations using C++ and other languages
• Write regression tests for your own code using different programming languages (e.g. C++, Python, SQL) and testing frameworks (e.g. Google C++ Testing Framework)
• Conduct code reviews and code audits to spot opportunities for improvements with respect to usability, testability, supportability, or potential performance penalties

APPLY HERE! sap.com/careers

Please note that SAP only accepts applications submitted via our online recruiting system. Individuals with disabilities who require a reasonable accommodation in the job application process should contact HR Direct (Americas: hrdirectamericas@sap.com, APJ: hrdirectapj@sap.com, EMEA: careers@sap.com)
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EDUCATION AND QUALIFICATIONS / SKILLS AND COMPETENCIES

We are looking for candidates who are committed to a technology career path. Please make sure your set of application documents contains a cover letter and CV, copies of the obtained degrees and references.

Required skills:

• Strong C++ programming skills and experience in implementing performance-critical algorithms
• Good Bachelor’s/Master’s degree or equivalent in computer science or related technical discipline
• Good knowledge of data structures, algorithms, and software design
• Verbal and written working proficiency in English and German
• Ability to analyze and debug complex problems

Preferred skills:

• Experience in administration, programming or profiling on LINUX
• Familiar with code-analysis tools e.g. Valgrind, Intel Amplifier, Cppchecker
• Experience with continuous integration concepts and tools e.g. Git, Gerrit
• Python or Shell-Scripting programming skills
• Knowledge of architecture of relational database management systems

WORK EXPERIENCE

• Graduates welcome!

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