

Job Title: Developer

COMPANY DESCRIPTION

As market leader in enterprise application software, SAP helps companies of all sizes and industries innovate through simplification. From the back office to the boardroom, warehouse to storefront, on premise to cloud, desktop to mobile device – SAP empowers people and organizations to work together more efficiently and use business insight more effectively to stay ahead of the competition. SAP applications and services enable customers to operate profitably, adapt continuously, and grow sustainably.

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

OFFICE LOCATION

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

SAP'S DIVERSITY COMMITMENT

To harness the power of innovation, SAP invests in the development of its diverse employees. We aspire to leverage the qualities and appreciate the unique competencies that each person brings to the company.

SAP is committed to the principles of Equal Employment Opportunity and to providing reasonable accommodations to applicants with physical and/or mental disabilities. If you are interested in applying for employment with SAP and are in need of accommodation or special assistance to navigate our website or to complete your application, please send an e-mail with your request to HR Direct (Americas: hrdirectamericas@sap.com, APJ: hrdirectapj@sap.com, EMEA: careers@sap.com). Requests for reasonable accommodation will be considered on a case-by-case basis.

Additional Locations: No Selection