

Database Architect, NoSQL Databases

What drives you

Demonstrated ability to conceptualize, architect, develop and test database architecture and code. These will be used for Windows and Java-based large software platforms and products that have an impact on the users.

Motivated to build large software product using an expertise in learning and coding in a few non-relational and non-SQL databases.

Exposure to ISO-standard SQL databases.

Understanding and utilizing database ER-Modeling and (de)-normalization, connection pooling, concurrency issues, ACID properties, referential integrity, foreign-key constraints, indexing, triggers and optimization. Experience or interest in learning software frameworks and enablers.

Enjoys entrepreneurial working of early stage product companies, and problem solving approach. Design, development and testing of software programs.

What excites you

Coding in UNIX, Linux or Windows platforms. Software configuration / code control systems, systems administration or test technologies. Experience in telecom products and/or telecom applications is preferred.

Exposure to solution engineering is also useful. Ability to develop/implement quick release plans, track and prioritize issues and bugs and interact with customer issues is important.

Accustomed to quickly documenting the work in addition to implementing it as per plans.

Interact with cross-functional teams / concepts to determine the requirements coming from telecom, IT and cloud/media segments often converging in the single product. Advocate customer/ end-user view point on usability and quality, and understand concerns of testing team on testability.

Work objectively with marketing, testing and product management goals and teams. Work collaboratively with testing and customer support teams to effectively prioritize bugs, or find/understand workarounds if and where necessary.

Understand the concept of feature interactions and helping QA team to find ways of testing them.

Be the technical support specialist of their products for development, demonstration and production servers.

What thrills you

Technical skills: Strong experience in coding/testing using four or more of the following, quickly learn any other when required:

MongoDB, CouchDB, Oracle NoSQL, Hypertable, Hadoop, Greenplum, Teradata, JSON, JPQL (Java Persistence API, Hibernate), Xquery, business intelligence concepts, WebLogic, WebSphere Application servers and Apache Web servers.

User requirement analysis, technical specification design, coding/modifications, performance tuning, testing, maintenance and user training.