

SOFTWARE DEVELOPER/ DATABASE ADMINISTRATOR

Responsibilities

- Reviewing current systems
- Presenting ideas for system improvements, including cost proposals
- Working closely with analysts, designers and staff
- Producing detailed specifications and writing the program codes
- Testing the product in controlled, real situations before going live
- Preparation of training manuals for users
- Maintaining the systems once they are up and running
- Interpret software design specifications and OOD models for application modules and translate them into Java source code
- Develop and unit test application modules and web pages
- Integrate application modules with other modules and external systems

Required Skills

- Knowledge of programming skills is a prerequisite.
- Have minimum of 2years development experience with Java and JEE (including JSP and Servlets)
- Experience with a test first methodology
- Experience with XML
- Experience interfacing with relational databases using ODBC
- Familiarity with OOD patterns and UML methodology
- Experience with JEE application servers (Tomcat/JBoss etc)
- Experience applying the above technologies to the development of webbased applications
- Detail oriented individual with solid verbal and written communication skills
- Experience with Web Services, Spring and Hibernate
- Knowledge of programming skills in web-based programs, as well as traditional programs like Java and Visual Basic.
- Keeping databases up to date;
- Helping with database design and development;
- Managing database access;
- Designing maintenance procedures and putting them into operation;
- Ensuring that databases meet user requirements;
- Managing database security/integrity and backup procedures;
- Implementing security measures;
- Defining objectives through consultation with staff at all levels;
- Writing reports, documentation and operating manuals;

- Testing and modifying databases to ensure that they operate reliably;
- Archiving data.
- Maintaining archived data
- Installing and upgrading the database server and application tools
- Allocating system storage and planning future storage requirements for the database system
- Modifying the database structure, as necessary, from information given by application developers
- Ensuring compliance with database vendor license agreement
- Monitoring and optimizing the performance of the database
- Contacting database vendor for technical support
- Generating various reports by querying from database as per need

Qualifications and requirements

- BSc. Or equivalents (Any numeric Science course) i.e Mathematics, Computer Science, Statistics etc.
- Expertise in current computer hardware and software
- Ability to use one or more development language (C++, PHP, HTML, etc.)
- Strong communication skills
- Ability to work in a team
- Eye for detail and identifying problems
- An understanding of business
- Analytical and commercial experience
- Database administration
- Basic Networking
- Thoroughness and accuracy; Good analytical skills,
- Good Communication, Negotiation and Interpersonal and Customer Service skills.
- An experience in an EMV environment in Application development such as Script for Personalisation and data preparation