

Vojislav Depalov

Objective

Looking for Sybase database developer/DBA/software engineer position.

Sybase ASE specialties

I have been working with **following Sybase ASE versions:**

- Sybase ASE 12.5.1, 12.5.3, 15.0 on Tru64, HP-UNIX, Windows, Linux

- **DBA tasks:**

- installing Sybase ASE servers and clients on different platforms
- restore/backup
- upgrade from Sybase ASE 12.5.1 to 12.5.3
- Sybase ASE server configuration
- database creating and configuring
- planning and migrating Sybase ASE databases from one platform to another
- data migration from Sybase to Oracle databases and vice versa
- creating users on Sybase ASE server and policy management
- administering more then 30 Sybase databases in one moment

- **Database developing:**

- logical and physical database design using Erwin 4.1.4 and creating scripts for Sybase ASE
- writing DDL and DML SQL scripts
- writing and testing triggers, stored procedures and views
- intensive usage of Transact-SQL
- database performance tuning, query tuning for performances
- execution plan interpreting
- SQL scripts maintenance for database with more then 500 tables constantly changing through versions

- **Sybase ASE and Sybase ASE relating tools:**

- ddlgen, Sybase tool, introduced in version 12.5.0.1 for reverse database engineering, creating DDL scripts
- sybmigrate, Sybase tool, which has been used for database migration from one platform to another
- isql native Sybase ASE SQL parser for executing SQL scripts
- several SQL client tools for developing and executing SQL scripts(AquaData studio, ASEisql, Power SQL)
- Sybase Central

- **Other activities**

- instructing less experienced staff in installing Sybase clients and helping them learn restore/backup procedure
- supporting other developers
- resolving specific problems with Sybase ASE server which occurs from time to time
- constantly improving my knowledge about Sybase ASE specific areas, especially performance tuning, locks, and query optimization
- giving remote support

Working experience

- ***DMS Group, Novi Sad, Jun 2005. – Present***
 - Position: Database engineer
 - Responsibilities: as a part of the group for database administration and development, my duty is to write SQL scripts, triggers, stored procedures, for Sybase ASE, Oracle, Access, SQLite, Firebird database maintenance and database design using ERWIN. Writing ETL mappings. Also contributing in development of new applications using Visual Basic, Visual C++, Delphi, Python and shell scripts. Working on Windows and UNIX. Specializing in Sybase ASE performance and tuning.
- ***Power- distribution Serbia, Sombor, Feb 2004. – Feb 2005.***
 - Position: IT officer
 - Responsibilities: maintain system works permanently without failures, development of current information system, ORACLE and Access databases maintain, resolving specific needs for employees. Developing new applications, using ORACLE and Access tools.
- ***VSiCG, Belgrade, March 2003. – Nov 2003.***
 - Position: Database programmer
 - Responsibilities: working with Access, entering raw data, database maintain, exporting data to Word and Excel, writing reports, SQL queries, adding new functionality using VBA.
- ***ICM Electronics, Novi Sad, Feb 2002. – May 2002.***
 - Position: Entry level automation engineer
 - OMRON automation equipment: sensors, PLCs, touch screens, inverters, SCADA hardware and software ...
 - Responsibilities: customer support, making orders-sheet, suggesting automation configuration based on customer needs, field sale, and simple projects.

IT and engineering knowledge

- **Concepts**
 - Object oriented programming
 - Database design, maintenance and tuning
 - Database connectivity, ODBC, OLEDB, ADO, DAO
 - Client/server architecture
 - Networking concepts and architecture
- **Operating systems, platforms, servers and RDBMS**
 - UNIX (Tru64 5.1, HP-UX 11)
 - Windows 3.11, Windows 95, Windows NT, Windows 98, Windows 2000, Windows XP, Windows Server 2003
 - DOS
 - SUSE Linux enterprise edition SLES 10
 - Sybase ASE 12.5.x, 15.0
 - Oracle Server 7.3, 8i, 10g, XE
 - SQL Server 2000, 2005
 - MySQL
 - Firebird
 - SQLite
 - IIS 5.0 and IIS 5.1, Apache + Tomcat
- **Languages, script languages and applications**
 - Delphi
 - SQL
 - C, C++, Visual C++ 6.0, MFC
 - Visual Basic 6.0, VBA
 - Python 2.4, 2.5
 - Matlab, Simulink
 - Access (97,2000, 2003) database design and development, programming and maintaining, queries, forms and reports
 - VBScript, JScript, ASP,HTML, XML ,PHP
 - Pascal
 - Web and graphic software, Dreamweaver, Flash, Adobe Photoshop

- Oracle tools: SQL*Plus, PL/SQL, Toad, Oracle SQL Loader, SQL Developer
- AquaData – database client application
- **Database design tools**
 - ERWIN 4.1.4 – expert
 - PowerDesigner 12
- **Methodologies**
 - Object oriented design
 - Agile software development
- **Other technical knowledge**
 - Power engineering concepts
 - Neural networks
 - Genetic algorithm
 - Fuzzy logic
 - Optimization methods
 - Numerical analysis
- Lots of work with Microsoft Office (Excel, Word, PowerPoint), CVS usage

Education

- **Currently preparing for MSc degree**
- **BSc Electrical and computer engineer**, University of Novi Sad, Faculty of Technical sciences, Novi Sad, Serbia

Work and personal abilities

- Strong analytical, mathematical and reasoning skills
- Goal oriented, work effectively in a team environment and independently
- Fast learning, lots of ideas
- Very good problem solving skills(analyzing and solution providing)
- Very good team player, possibility to work on different positions

Projects

- PID regulator control using neural networks and genetic algorithm
- Computer communication and system support to bigger application, client – server architecture.
- Thesis: One solution of algorithm for obstacle avoidance of mobile robot
- Multi-user application for library with email support for librarian
- Application for sending messages to specified computer or workgroup in LAN
- Business information projects: wholesale, invoices, stock, taxes
- Design database for tracking production databases versions, database deployments, projects and scripts. Database tuning. Queries optimization.
- Production database maintenance, locally or remotely
- Developing history database for primary database
- Migrating databases from one RDBMS to another on different OS

Languages

Advanced English (FCE certificate), German beginner level, but capability and interest in progress, currently improving it. Russian only reading

Additional training

Assertive training, Transactional analysis.

Interest and activities

Reading, playing chess, choir, languages, singing, playing guitar and clarinet.