

# Vojislav Depalov



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## Objective

Looking for database engineer position.

## Working experience

- **DMS Group / Telvent DMS, Novi Sad, Jun 2005. – Present**
  - Position: Head database engineer. From 2008 work as a deputy team leader in database engineering group and also as a project manager deputy.
  - Responsibilities: as a part of the group for database engineering, my duty is to do or to give instructions how all the tasks which are connected to databases should be done.
  - Database engineering tasks: logical and physical database design using ERWIN and lately Power Designer, database development, database administration, ETL, database migration and maintenance. All this activities are done for Sybase ASE, Oracle, Access, SQLite, and Firebird and lately for MSSQL 2008, some of these RDBMS on different OS. Also contributing in development of new applications written mostly in Python.
- **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 maintenance, 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, SCA 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**
  - Database design, development, maintenance and tuning
  - Database connectivity, ODBC, OLEDB, ADO, DAO
  - Client/server architecture
  - Object oriented approach

- Lately researching SOA
- **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(some limited experience)
  - Sybase ASE 12.5.x
  - Oracle Server 7.3, 8i, 10g, XE
  - MSSQL Server 2008
  - Firebird
  - SQLite
  - IIS 5.0 and IIS 5.1, Apache + Tomcat
- **Languages, script languages and applications**
  - SQL, T-SQL, PL/SQL
  - Python 2.4, 2.5
  - Oracle tools: SQL\*Plus, Toad, Oracle SQL Loader, SQL Developer, OEM Console
  - Access (97,2000, 2003) database design and development, programming a maintaining, queries, forms and reports
  - AquaData – database client application
  - Delphi
  - C, C++, Visual C++ 6.0, MFC
  - Visual Basic 6.0, VBA
  - Matlab, Simulink
  - VBScript, JScript, ASP,HTML, XML ,PHP
  - Pascal
  - Web and graphic software, Dreamweaver, Flash, Adobe Photoshop
- **Database design tools**
  - ERWIN 4.1.4 – expert
  - PowerDesigner 12
- **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, Visio)
- Tortoise CVS, bug tracking tools, project management tools, document management tools.

## Education

- **Currently preparing for M.Sc. degree**
- **B.Sc. electrical and computer engineer**, University of Novi Sad, Faculty of Technical sciences, Novi Sad, Serbia, 5 years of education

## Projects

- Creating database night build process
- Migrating databases from one RDBMS to another on different OS
- Developing history database for primary database
- Production database maintenance, locally or remotely
- Design database for tracking production databases versions, database deployments, projects and scripts.
- Business information projects: wholesale, invoices, stock, taxes

- Application for sending messages to specified computer or workgroup in LAN
- Multi-user application for library with email support for librarian
- B.Sc. Thesis: One solution of algorithm for obstacle avoidance of mobile robot
- Computer communication and system support to bigger application, client – server architecture.
- PID regulator control using neural networks and genetic algorithm

**Work and personal abilities**

- Joyful, enjoy working with people, sharing knowledge
- Strong work and personal ethic
- Capable of creating good working environment
- Fast learning, lots of ideas. With time and with deeper understanding of system I am working on, producing lots of suggestions how this system can be improved.
- Prefer evolutionary on revolutionary way of doing things
- Strong analytical, mathematical and reasoning skills
- Goal oriented, work effectively in a team environment and independently
- Good problem solving skills (analyzing and solution providing)
- Good team player, possibility to work on different positions
- Broad general education

**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, amateur kick boxing.

**Subjects I am currently improving -My first derivative:**

Various things in the field of database engineering, emotional intelligent leadership, managerial themes, transactional analysis, SOA, distributed applications, software development process.