

# Olga Penkova

## Database, ETL, Data Warehouse Developer

**OBJECTIVE:** To work as a Databases Developer, SQL Developer, Data Warehouse, Data Marts, ETL Developer.

**SUMMARY OF QUALIFICATIONS:**

- 10+ years of experience in Database systems design and development
- Highly skilled in Relational Database Management Systems (RDBMS), SQL development and tuning of SQL queries.
- Extensive experience in the banking, education and manufacturing sectors.
- Experience working with Data Warehouses, Data Marts, business intelligence tools, ETL tools such as Informatica PowerCenter.
- Successful development and delivery of several highly complex projects
- Demonstrated ability for problem solving, troubleshooting, performance tuning. Analytical mentality, result oriented and team player.

**TECHNICAL SKILLS:**

<b>Languages</b>	SQL, PL/SQL, C++, Java
<b>Data Modeling</b>	Oracle Designer, Microsoft SQL Enterprise Manager
<b>ETL, Metadata Management</b>	QlikView, Informatica PowerCenter, Pentaho
<b>Technologies and techniques</b>	Relational (ER) Data Modeling, OLTP, OLAP, Dimensional Data Modeling, Data Warehouses, Data Marts, Multidimensional Cubes.
<b>Databases</b>	MS SQL Server, MS Access, Oracle,
<b>DB tools and utilities</b>	SQL Enterprise Manager, Oracle Enterprise Manager, Pentaho, Informatica Developer, Netbeans IDE
<b>Operating Systems</b>	Windows
<b>Productivity</b>	Word, Excel, Access, Visio, Outlook, PowerPoint

**PROFESSIONAL EXPERIENCE:**

The Pantry of Broward, Fort Lauderdale, USA

4/2016 - current

**Database developer, Reports developer**

<b>Project</b>	Support and modification current database.
<b>Technical Functions</b>	<ul style="list-style-type: none"> <li>• Modification current database, creation new modules and new reports.</li> </ul>
<b>Environment</b>	MS Access, MS SQL Server

ECO BANK, Bishkek, Kyrgyzstan

10/2010 - 10/2015

**Senior Information Management Systems Specialist**

<b>Project</b>	Design and Development of ETL processes of Revenue Analysis and Forecasting Data Mart
<b>Role</b>	SQL Query Developer, Database Developer, Data Warehouse Designer, ETL Developer
<b>Technical Functions</b>	<ul style="list-style-type: none"> <li>• Designed and Developed load processes from different data sources to one database using Informatica ETL tool, DM and various file extracts for downstream systems</li> <li>• Worked as data quality analyst, looking for ways to mitigate issues with data.</li> <li>• The project outcome resulted in optimizing the data model and allowed for more efficient data load as well as optimum reports performance.</li> <li>• Found and corrected inefficiencies in the ETL process. This improvement resulted in reduced load time for daily processes.</li> <li>• Performed performance tuning of Informatica mappings to speed the data load.</li> </ul>
<b>Environment</b>	SQL Enterprise Manager, PL/SQL, MS SQL Server, Netbeans IDE, Visual Studio, Informatica PowerCenter Express 9.6.1

ECO BANK, Bishkek, Kyrgyzstan

05/2008 - 10/2010

**Software Developer**

<b>Project</b>	Development and support of banking software and reporting system.
<b>Role</b>	SQL Query Developer; Database Developer and data analyst; Software, report developer.
<b>Technical Functions</b>	<ul style="list-style-type: none"> <li>• Found ways to optimize data model and implemented approved changes. Conducted data model reviews for other developers.</li> <li>• Designed and developed custom modules for installed banking software.</li> <li>• Provided feedback to data analyst on data quality issues and suggested ways to mitigate them.</li> <li>• Developed reports using Netbeans IDE.</li> <li>• Developed web-applications that supported branch offices</li> <li>• Consulted branch office employees on ways to resolve issues with updated software and various data issues</li> </ul>
<b>Environment</b>	MS SQL Server, SQL Enterprise Manager, PL/SQL, MS SQL Server, Java, Netbeans IDE, C++

Freelancing Consulting Services - Bishkek, Kyrgyzstan

01/2005 – 05/2008

**Software Development Consultant**

<b>Project</b>	Development and support of Accounting, Sales and Supply Chain Management
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	software.
<b>Role</b>	Database, report developer, data analyst.
<b>Technical Functions</b>	<ul style="list-style-type: none"> <li>• Designed and developed database system for manufacturing management software.</li> <li>• Developed database, application and reports for Accounting and Sales Management under strict deadlines.</li> <li>• Analyzed data discrepancies, debugged reports, reconciled with General Ledger reports</li> <li>• Developed software for Payroll Processing.</li> </ul>
<b>Environment</b>	MS Access, C++

TECOS-ASIA, Bishkek, Kyrgyzstan

07/2000 – 01/2005

**Software Developer**

<b>Project</b>	Creating custom software to enable manufacturer to manage inventory of manufactured goods.
<b>Role</b>	Software, network engineer.
<b>Technical Functions</b>	<ul style="list-style-type: none"> <li>• Designed and developed database system for Inventory Management</li> <li>• Developed database, application and reports for Accounting and Sales Management.</li> <li>• Reduced complexity of various software modules</li> <li>• Improved financial results of Inventory management area and reduced the waste and loss of goods.</li> <li>• Built and maintained company's LAN</li> <li>• Provide PC support.</li> </ul>
<b>Environment</b>	MS Windows, MS Access, SQL Enterprise Manager.

Kyrgyz Russian Slavic University, Bishkek, Kyrgyzstan

07/1996 – 07/2000

**Software Developer**

<b>Project</b>	Entry Test Management System
<b>Role</b>	Software developer
<b>Technical Functions</b>	<ul style="list-style-type: none"> <li>• Developed the automated system of processing and delivery of information containing results of entry tests in the college.</li> <li>• Developed and supported the HR system.</li> <li>• Designed and developed system that supported research of physical processes happening during mining explosions.</li> </ul>
<b>Environment</b>	MS Access, Pascal

**EDUCATION**

- Broward Community School. Fort Lauderdale, FL, USA **01/2016 – current**  
English as second language
- **Master in Computer Science & Information Systems** 09/1990 – 06/1995  
Kyrgyz Technical University, Bishkek, Kyrgyzstan
- Attended Math Academy 09/1987 – 05/1990

**TRAINING**

- Data Warehouse Concepts, Design, and Data Integration
- Database Management Essentials
- Design and development of ETL processes of DW and DM component
- Oracle SQL, PL/SQL, Oracle Enterprise Manager
- Informatica Power Center 7.1
- QlikView.

**VOLUNTEER**

- Barney&Nobles Books Shop, Farmington, CT  
Welcome Table
- The Pantry of Broward  
Modifying database application, Call center, welcome table for customers
- The Bennett Elementary School  
Take participation in child activities and open classes.
- Gymnasium 26, Bishkek, Kyrgyzstan  
Helper to teacher in field trip and other outclasses works with kids.

**HOBBIES**

- Dance (Bachata, Salsa)
- Fitness, yoga
- Books
- Traveling