

## Denis Klein

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### Career Objective

The ultimate IT professional, balanced and capable in all the aspects of a full life-cycle development at the highest industry level in Senior Developer or Consultant roles

### Profile

- Strong IT professional with about twenty-eight years of experience working on various stages of a project's full life cycle development, such as analysis, design and development, maintenance or customer support
- Balanced skill-set with considerable database background and more than capable of front-end, back-end, web, reporting or batch development. Versatile, very quick to grasp new concepts and technologies. Highly skilled at using the Internet for any work-related task
- Highly reliable, routinely entrusted to perform project-critical tasks. Will go an extra mile to get things done, while keeping everybody involved well informed at all times
- Fully independent and team-spirit oriented at the same time, with friendly and supportive attitude well accepted by the colleagues and clients alike. Always with positive outlook and thriving on diversity
- A strong character driven by values and principles, well balanced with above-average versatility and self-determination. Out of the box thinker, systematically considering both sides and looking for the big picture
- Always with initiative to research and improve, whether it is IT skills, general/academic knowledge or physical capabilities

### Technical Skills

<i>Languages:</i>	SQL, PL/SQL, Python, Perl, Java, T-SQL, PHP, VB, C/C++, Shell, Assembler, Pascal, Basic
<i>IDE:</i>	Notepad++, Visual Studio Code, SQL Developer, SQL*Plus, Oracle Data Integrator, PowerDesigner, PyCharm, Eclipse, SQL Server Management Studio, MySQL Workbench, Toad, DBVisualizer, JDeveloper 10g, Oracle Forms, Oracle Designer, Visual InterDev 6, Borland C++
<i>Web Development:</i>	HTML, CSS, Javascript, Angular, Bootstrap, PHP, JEE (EJB, JPA, Hibernate), JSF (Mojarra), JSP, Servlets, jQuery, ASP, VBScript, XSLT
<i>Web Related:</i>	Postman, SoapUI, cURL, Oracle OID, Oracle APEX
<i>Servers:</i>	WebLogic, GlassFish V3, Tomcat, OC4J, Apache, IIS 5
<i>Databases:</i>	Oracle, SQL Server, MySQL, Derby, DB2, MS Access, FoxPro
<i>Reporting:</i>	BI Publisher, JasperReports, Oracle Reports, Crystal Reports, Jreport, Fop/Xalan, Oracle Graphics
<i>Source Code:</i>	Git, BitBucket, Bamboo, Jenkins, StarTeam, SVN, CVS, PVCS, MS SourceSafe, NPM, Ant, Maven
<i>Office Related:</i>	Jira, Confluence, CA SDM, MS Office, MS Visio
<i>Other:</i>	PuTTY, SQL Loader, OBIEE, JMeter, XML, JSON, VPN, VMware, JDBC, Cygwin, VirtualBox, Windows Virtual PC, yEd, GIMP, SketchUp
<i>OS:</i>	Linux, MS Windows, UNIX, MS DOS

**Employment History**

<b>Advanced Solutions, Victoria, BC</b>	<b>May '23 – Present</b>
<b>Maximus BC Health, Victoria, BC</b>	<b>Nov '16 – May '23</b>

*Role:* Senior Developer / Contractor

*Client:* PBC Solutions and Ministry of Health, Victoria, BC

- Duties:*
- Application and database developer for various projects
  - Lead BI Publisher developer

- Projects:*
- Stress testing developed applications, from initial definitions, front end, through middle tier, to the back end
  - Data mining for the Ministry
  - Troubleshooting existing and evaluating new solutions
  - Creating and maintaining ETL and batch applications

*Technology:* SQL, PL/SQL, BI Publisher, Oracle Data Integrator, PowerDesigner, Oracle APEX, Postman, SoapUI, cURL, Oracle OID, Shell, JMeter, Java, Python, Perl, Git, BitBucket, StarTeam, Bamboo, Jenkins

<b>Maximus Canada - DeltaWare Division, Charlottetown, PEI (remote)</b>	<b>Jun '22 – Oct '22</b>
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<b>Fujitsu Consulting, Victoria, BC</b>	<b>Jun '14 – Nov '16</b>
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*Role:* Senior Developer / Conversion Specialist / Contractor

*Client:* Ministry of Education, Victoria, BC

- Primary conversion and data remediation specialist for Aspen Student Information System, adopted by BC Ministry of Education (MyEducation BC)
- In charge of converting data from all legacy systems to the new one for the whole province. Responsible for technical implementation and primary resource for running the conversion
- Developed code in SQL and Java. Target environment: SQL Server and J2EE; legacy environments: MySQL, Oracle

*Technology:* SQL, Java, T-SQL, PL/SQL, SQL Server, MySQL, Oracle, MS SQL Server Management Studio, MySQL Workbench, SQL Developer, SQL\*Plus, Eclipse, Notepad++, SVN, Cygwin

<b>Fujitsu Consulting, Victoria, BC</b>	<b>Nov '13 – Apr '14</b>
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*Role:* Senior Developer / Contractor

*Client:* Corporate Accounting Services, Ministry of Technology, Innovation and Citizens' Services, Victoria, BC

- CAS EBS R12 Upgrade project
- Primarily modified existing Data Warehouse; also worked on Oracle E-Business Suite reports and performed project upgrade related tasks such as peer review or system testing

*Technology:* Oracle (11g), PL/SQL, Toad, SQL\*Plus, Oracle Reports, Designer, SharePoint

<b>Freelancer / Self-employed, Victoria, BC</b>	<b>2003 – Present</b>
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*Role:* Independent Contractor / Consultant / Principal

*Client:* IT Freelancer, denisklein.com, Binary Milestone Technology Inc., Victoria, BC

- Developed specialized data mining algorithms

- Designed and developed a small business CRM applications based on PHP and JEE
- Built personal and commercial websites with a capability to engage the visitors
- IT Support for general public. Handling various IT needs - reinstalling Operational systems, configuring routers, firewalls, printers, installing commercial software, restoring data, introducing backup solutions and so on
- On-going research and development of new products and services

<i>Technology:</i>	Python, HTML, CSS, Javascript, jQuery, PHP, Java/JEE (6), EJB, JPA, Hibernate, JSF, JSP, Servlets, MBeans, JTA, JMS, WSDL, JAX-WS, JAX-RS, Oracle, MySQL, Derby, SQL, PL/SQL, XML, JSON, GlassFish, Tomcat, Apache, Ant, Maven, Eclipse, NetBeans, SQL*Plus, SQL Developer, cURL, VirtualBox, yEd
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<b>Ragged Edge Community Network, Port McNeill, BC</b>	<b>2013</b>
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<b>BC Registry Services, the official government register for corporations, names, personal properties and other, Victoria, BC</b>	<b>2004 – 2010, 2011</b>
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<i>Role:</i>	Senior Developer / Contractor
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<i>Duties:</i>	<ul style="list-style-type: none"> <li>▪ Being the only database developer for the client, who is in the business of keeping database records (primarily on Oracle databases)</li> <li>▪ Provided ongoing customer support for the client; performed data mining and data warehousing for the business analysts and the management</li> </ul>
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<i>Projects:</i>	<ul style="list-style-type: none"> <li>▪ Behind a number of projects and modules, ranging from technical (such as ETL data migration between incompatible data sources, or sending emails from a database) to client specific (such as dissolving corporations). Many projects (like those listed above) designed from scratch. Both Agile and Scrum methodologies have been used, depending on the project</li> <li>▪ Responsible for all reports, implemented on various platforms. Report generation and handling has to meet strict legal requirements. Responsible for overall design and implementation</li> <li>▪ Overseeing all batch processes in non-legacy databases. Responsible for overall design and implementation</li> </ul>
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<i>Technology:</i>	Oracle (9i - 11g), DB2, SQL, PL/SQL, SQL Developer, DBVisualizer, Toad, Java, XML, XSLT, JasperReports, Oracle Reports, Jreport, Fop/Xalan, SVN, CVS, PuTTY, VPN, Core FTP, SQL Loader, Windows Virtual PC, MS Visio, MS Windows, Linux, Shell
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<b>IBM Canada Inc., Victoria, BC</b>	<b>2003 – 2004</b>
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<b>ENextenso, Vancouver, BC</b>	<b>2002</b>
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<b>La Rosa Studio, Vancouver, BC</b>	<b>2002</b>
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<b>TELUS Enterprise Solutions (form. Daedalian eSolutions), Toronto, ON</b>	<b>2000 – 2001</b>
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<b>Computer Methods International Corporation, Toronto, ON</b>	<b>1997 – 1999</b>
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<b>OLÚ RCH Sanatorium, Nový Smokovec, Slovak Republic</b>	<b>1995 – 1997</b>
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## Education

<b>Masters Degree in Computer Science and Informatics</b> <i>Technical University of Košice, Slovak Republic</i>	<b>1989 – 1995</b>
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Full **Employment History** at [denisklein.com/experience.htm](http://denisklein.com/experience.htm). References available upon request.