

CURRICULUM VITAE

NAME : Kris Znatowicz
CITIZENSHIP : Italian & South African
DATE OF BIRTH : 31 December 1969, Greytown, South Africa
ADDRESS : Via Sansovino 15, 50142, Florence, Italy
Email: kris.znatowicz@geosol.net
Web: www.geosol.net
Mobile: +39 348 7427484

LANGUAGE PROFICIENCY : English – native speaker
Afrikaans – excellent
Italian - excellent
Polish – excellent
German – good

PROFESSION : Senior Geologist, Project Manager, Analyst Programmer
QUALIFICATIONS : 1992 BSc, University of Pretoria, RSA
1993 BSc (Honours), University of the Witwatersrand, RSA

MEMBERSHIP OF PROFESSIONAL BODIES : South African Council for Natural Scientific Professions – Pr.Sci.Nat
Geological Society of South Africa, GSSA
PMI Member

CERTIFICATIONS : MCP in Visual Basic 2002
GIS ArcView 2
CCPM Prochain Project Professional 2009
MS Sharepoint 2007
PMP – PMI 2011

TRAINING : Prochain, Sharepoint, Coldfusion, Java, SQL Server, DotNet
MS Project

PROFESSIONAL HISTORY

1990-1994 : *Council for Geoscience, Pretoria, RSA – geological SAMINDABA database compiler and scientific officer in charge of quality of data entry*

1995 : *Field geologist–exploratory drilling and borehole logging, Southern Africa*

1995-1997 : *Geologist – Anglo American Prospecting Services, Kriel Regional Office, RSA- Geodas2, Miner2, Lotus123, X-Windows. Responsible for borehole logging, geological modelling and ore reserve estimations.*

1997 – 1999 : *Senior Engineering Geologist – McKnight Geotechnical, Sandton, RSA – ArcView, StereoNet, Surfer, MS Excel. Responsible for executing geotechnical site investigations for construction purposes, geological mapping and report writing for the client.*

1999 – August 2000	: <i>GIS/Ground base station operator – Fugro Airborne Surveys LTD, Italy – Oasis Montaj, MS Excel, MS Access and VBA. VB scripting for GIS customisations. Airborne magnetic data acquisition and manipulation, reporting to client.</i>
Sept 2000 – July 2001	: <i>Trainer – International Computer School, Florence</i>
Sept 2001 – July 2002	: <i>Programmer, Softeam Ware Srl, Italy – VB3/6, Access2/2000, SQL Server 7, PowerBuilder 7, Windows XP</i>
Sept 2002 – October 2003	: <i>Programmer, Gualchierani Textile Automation SpA, Italy – VB6, Access 2000, SQL Server 7/2000, Oracle 9i, Movicon 2000, Windows 2000, OPC Client/Server 6, PCAnyWhere 10</i>
Nov 2003 – March 2006	: <i>Analyst Programmer and support analyst, Eli Lilly and Co, Italy – VB, MS Access, VBA, SQL Server, Oracle, Java, UNIX, MS Excel, ColdFusion, PL/SQL. Application support, testing and debugging, application programming all on a global, regional and local scale using Remedy Action Request System for timely problem resolution management. Application training to helpdesks. POCs (proofs of concept) and project management of small development initiatives.</i>
March 2006 – March 2008	: <i>Geoservices International SA – software developer, data engineer, wellsite geologist. ALS3 drilling data acquisition system, RESERVAL gas acquisition system. Application programming with Java, C#, MS Infopath and SQL Server Reporting Services to improve quality of service via better in-house communication and reporting between oil rigs, bases and head office.</i>
May 2008 – To date	: <i>IT project manager, Eli Lilly and Co, Italy – MS Project (Critical Path and Critical Chain methodologies) for HW & SW projects.</i>

EXPERIENCE DETAILS :

PETROLEUM EXPLORATION & SW DEVELOPMENT

- **Geoservices International SA:** Exploration/appraisal/development wells, mudlogging, geological interpretation & description, sampling, data gathering/analysis/manipulation, monitoring of well during drilling/casing/cementing/tubing and reporting to Client and Driller. Experience in West Africa. In house application programming with Java, C# (Visual Studio 2003 and 2005), ASP.Net, SQL Server, MS Infopath 2003 (XML forms), SQL Server Reporting Services. Applications enable and facilitate communication and reporting between offshore oil rigs and land bases.

PROGRAMMING & PROJECT MANAGEMENT

- **Eli Lilly and Company:** IT Systems Analyst, tester and programmer for global, regional and local applications. Testing involved using Norton Ghost to load different OS builds onto test computers, installing applications to be tested and compiling and executing test scripts. Routine testing was also carried out after each new patch rollout.

Additional tasks included helpdesk training and small project development using known technologies. Web development (**DreamWeaver, FrontPage, Coldfusion, Flash, Visual Studio**): dynamic sites developed in Coldfusion with page content from Oracle databases (CF AS running on IIS5).

Project management through all phases of a project lifecycle for HW & SW projects using Critical Path and Critical Chain methodologies. Successfully completed the Prochain Project Professional training and certification in 2009. Successfully completed PMP certification in June 2011. Projects worked on are small to large, medium to high risk with budgets of USD50k to USD500k.

PROGRAMMING & IT TIER 2 & TIER 3 SUPPORT

- **Plansoft consultant for Eli Lilly and Company:** IT Support Analyst and tester for global, regional and local applications for EU affiliates. Support involves the email-alert Remedy Action Request System and telephone support for Vendor and Lilly applications based on the following technologies: Java, Oracle, MSOffice (macros), Visual Basic, Power Builder, Lotus Notes and Cold Fusion. Interaction is provided between business and IT developers for 16 European Affiliates. Testing involves using Norton Ghost to load different OS builds onto test computers, installing applications to be tested and compiling and executing test scripts. Routine testing is also carried out after each new patch rollout. Additional tasks include helpdesk training and small project development using known technologies. Web development (**DreamWeaver, FrontPage, HTML, Flash**): sites developed include a host of intranet websites for Eli Lilly developed in Coldfusion and java with page content coming from backend Oracle databases (CF AS running on IIS5)
- **Gualchierani Textile Automation S.p.A:** 1) Development of front-end managerial **VB6** applications which automate textile plant processes and connect to **SQL Server7/Oracle** backends using **ADO** and **Crystal Reports**. 2) Communication between Pc's and Plc's on the network (**Ethernet and Profibus**) via **DCOM, SIEMENS** network cards using OLE for Process control (**OPC**) and the integration with VB and Movicon's **Basic Script** which is launched by SCADA and it in turn activates vb source code for various vb and customised functions. 3) **ActiveX** programming for various tasks such as developing virtual weighing and labelling devices using, among others, the **MSComm** control. 4) Siemens' **Step 7 protocol** was used for OPC Server/Client communications.
- Programmer for **SofteamWare srl** (Sept 2001 – July 2002): 1) Development of **ASP** pages with **VBScript** on windows 2000 server and windows 2000 client networks for the companies' intranet. 2) **ACCESS 2000** Database Programming with **Visual Basic 6.0 & ADO**: Conversion of a **vb3** front-end football statistics programme connected to **access 2.0** with **dao** to **vb6 and access 2000** using **ado** and the **TrueDBGrid ActiveX** control from ComponentOne. The programme allows for browsing series and international matches, teams, players, trophies and allows for querying and calculating statistics. The client was footballdata.com. 3) Database maintenance, warehouse management with **PowerBuilder7 & SQL Server7**: Performance tuning, backups, updates, network management, printing of invoices, orders and shipments were daily tasks carried out for ABC Srl, supplier of accessories to United Colors of Benetton, Florence. 4) **Parsing** of html pages for translations from Italian into English using **Access** tables and VB's **resource editor** for www.ammanuense.it

- **FUGRO Airborne Surveys Ltd**, UK (Nov 2000-Feb 2001): 1) Data acquisition and manipulation for surveys carried out in Italy where I sub-contracted as the ground base station operator using **OASIS montaj** and **Excel 2000** for manipulation of data acquired by airborne magnetic surveys. 2) Other duties included reporting and translating for the Italian client **AGIP**. 3) Thematic map generation of processed data with the help of **vb-customised ArcView3.1** scripts.
- **Internatioanl Computer School** (Sept 2000 – July 2001) - Teacher of English and IT for small groups, Florence

EXPLORATION GEOLOGY

- Miner2/GeoDas2 on **UNIX** – Geological modelling software
- **Lotus 123** spreadsheets and **X-Windows**
- Coal and CBM exploratory drilling, logging, reporting

MINING GEOLOGY Ore reserve calculations

- Ore-body modelling and mine production planning – **AutoCad** shaft plans
- Geotechnical core logging and hangingwall/roof stability assessments for underground mines- **Stereonet 3.1** software

DATABASE DEVELOPMENT (SQL SERVER/ACCESS 2.0 - RSA)

- Mineral resources of South Africa (SAMINDABA), Council for Geoscience
 - National Coal Database
 - National Borehole Database
- All DB's where structured, compiled and developed with **DAO**

ENGINEERING GEOLOGY

- Rockmass analysis of the Klipwal Gold Mine, South Africa, including detailed underground joint surveys, analysis of data utilizing the Q-system and quantification of potential failures – **StereoNet 3.1**
- Road centreline and borrowpit investigation, central Kalahari, Botswana, for the proposed access road to Gope Diamond Mine – **Garmin GPS 2 Plus with PC SW**
- Structural mapping of dykes, and joint survey of sidewalls for deep basement excavation at Nedcor Square, Sandton, northern Johannesburg.
- Isopach mapping of compressible soil horizon, soil profiling of large diameter auger holes, soil saturation/cyclone simulation testing, analysis of consolidation test results, and geotechnical report compilation for the Mozal Smelter Project, Mozambique – **Surfer 6**
- Supervision of pre-augering of piles, borehole logging and monitoring of required sockets for large diameter piles for Mozal Aluminium Smelter Project, Mozambique.
- Geotechnical site investigation, calcrete borrowpit assessment and field permeability testing for the proposed Tshidilamolomo Community Safety Centre, North-West Province.
- Draughting with **Surfer 6** , **AutoCad**, **Excel 97** and **ArcView 3.1**(including customisation thereof with VB).
- Cost Estimation, marketing, budget planning for geological services

OTHER SKILLS

- Good training ability (groups of up to 10)
- Good management & client facing skills
- Good negotiation skills
- Good translation skills in all combinations in all of the above-listed languages
- Self-starter with a high energy level (as well as a team player)
- Good analytical, reporting, communication and presentation skills

REFERENCES

1) Mirella Conti
Eli Lilly Italia Spa
Via Gramsci 731/733
Sesto Fiorentino (FI)
530019
Italy
www.lilly.it

2) Chris McKnight
McKnight Geotechnical Consulting
Sandton, RSA
www.mcknight.co.za

3) Maurice Leonard
Geoservices SA
7 Rue Newton
Le Blanc Mesnil
France
www.geoservices.com

4) Paolo Marcelli
Gualchierani Textile Automation SPA
Via S. Quirico 300
50010
Capalle
Italy
www.gualchierani.it
Tel +39 055 897421

5) Marco Corsi
Softeam Ware Srl
Via Toselli 73
50144
Florence
Italy
mcorsi@msware.it

Tel +39 055 3215379

6) Antonio Fillidani
International Computer School Srl
Viale Lavagnigni 42
Florence, Italy
Tel +39 055 489999

I give my consent regarding the treatment of my personal data according to Italian Law 675/96 for your benefit of personnel research.



Kris Znatowicz, PMP, MCP and Pr.Sci.Nat