

Gender: Male  
 Date of Birth: 1976  
 Location: Johannesburg

(c) 060 993 9657  
 (c) 081 507 7054  
 lelanthran@gmail.com  
 http://www.lelanthran.com

**GOALS** The research, development and creation of new and novel IT-based solutions. The design and architecting of solutions in response to business needs.

**EDUCATION**

- *Master of Science*, Software Engineering, University of Hertfordshire,
- *Bachelor of Science*, Software Engineering Stream, UNISA, dual majors in *Computer Science* and *Information Systems* (distinction in *Information Systems*).
- *RICS completion*, Research and Innovation Core Skills training, CSIR, completed in 2009

### EXPERIENCE

*Detnet SA* Senior Developer within the *Software Development* business unit. Develop real-time software and device drivers. *Dec 2014 — Current*

*MTN* Senior Engineer, Researcher within the *Technology Innovation* unit. Employed a number of different methods in the implementation of directed research. Presented numerous technical workshops with the aim of knowledge dissemination within MTN. *Nov 2012 — Oct 2014*

*CSIR, Meraka Institute* Researcher, writer, developer, also served in an advisory capacity. *Jan 2007 — Oct 2012*

*Altech Card Solutions* Senior embedded developer, smartcard terminals. *Sep 2002 — Dec 2006*

*Prism Payments* Embedded developer, smartcard terminals. *Jul 2001 — Aug 2002*

*Globepost Technologies* Enterprise Solaris *C* developer. *Apr 2001 - Jun 2001*

*LANmetrix* Web and Systems Developer, network management software. *Jul 1998 — Mar 2001*

*UNP* Student laboratory consultant. *Jan 1998 — Jul 1998*

**INDUSTRY**

- Served for four years on the board of an *SABS* technical sub-committee (SC71L).
- Participated in a technical industry team (including Deloitte, Multichoice and various state departments) as part of the States *ICT Industry Initiative for Job Creation*.
- Participated in an independent policy research organisation (the *Free Market Foundation*).

**LANGUAGES** I'm competent in all of the following languages (listed in order of proficiency, highest to lowest): *C*, *Bash*, *L<sup>A</sup>T<sub>E</sub>X*, *SQL*, *C++*, *Java*, *PHP*, *Python*, *Lisp*, *x86 Assembler*. I've developed software professionally since 1998.

### OTHER

*ICT* I'm familiar with most aspects of ICT, including server maintenance, encryption and security, software architecture and mixed-signal microcontroller application.

*Achievements* Directed and oversaw successful implementation of project *Vula* within Meraka; applied for and received R1.5m in funding during 2009 for project *UbuntuSci*, ran the project successfully from that point.

*Mentoring* I've published (in printed publications at the CSIR) tutorials, introductory texts, etc. I regularly do presentations with a variety of technical and academic content.

**REFERENCES**

- Thomas Fogwill, Former Supervisor *Meraka*
- Mixo Shiburi, Former Colleague *Medikredit*
- Steyn Maritz, Former Colleague *Altech Card Solutions*