

Robert Hook

17 Bargo St
Arana Hills, QLD 4054

04 6650 6633

rahook@gmail.com

<http://www.parttimepolymath.net/>

PROFILE

Robert Hook is an information technology professional with over 23 years experience in the industry. Based in South East Queensland, he has been involved in a wide variety of projects that have required and fostered a broad and comprehensive skill set. Robert's main skills revolve around the design, construction and maintenance of large information systems based on relational databases, primarily in a UNIX environment, along with the design, construction and maintenance of web-based information systems, frequently backed by a database. Many of the systems he has been involved with have been based around Ingres and Oracle, and he has considerable experience as an Ingres database designer and administrator. In recent years he has been largely occupied with the design and construction of sophisticated Web Services and Web Applications written in Java using J2EE1.4 and J2EE1.5 paradigms and approaches.

SKILLS

Highly Competent

Java, Ant, JUnit, JSF, Struts, JBoss and Apache Tomcat, NetBeans, JBuilder, JSP, J2EE Web Services, J2EE Web Applications, C, C++, Ingres ABF, XML, XHTML & HTML, CSS, Oracle, SQL, JDBC, Unix, Systems Analysis and Design, Data Analysis, Database Analysis and Design, Ingres Database Administration, Technical Writing, Team Leadership, Systems Maintenance, Systems Programming, Source and Document control processes, Product Release processes, Quality Assurance systems, Training, and Mentoring, Web design and construction.

Competent

XSL/XSLT, UML, Design Patterns, JavaScript, MySql administration, Cryptography and Security standards and protocols, MUMPS, Basic, Fortran, Pascal, AppleScript, dBase III+/Clipper, CGI Scripting, Unix Systems Administration, Project Management, Image preparation for Web presentation.

Familiar With

AJAX, Objective-C, Forth, Assembly language programming, Linux Systems Administration, Carbon and Cocoa programming for Mac OS X.

Technical Interests and Aspirations

Robert is greatly interested in the issues associated with the management of large and complex information systems, particularly data integrity, security and privacy. He is also particularly interested in user interface design and in adopting new technologies to present legacy information stores.

He greatly enjoys working with various Java-based techniques for delivering interactive content and services through the Web, leveraging the power of open-source and open-standards products and XML solutions.

EXPERIENCE

Software Engineer, Salmat/HPA 2003 - present

Responsible for the design and development of various internal software products, particularly oriented around Java-based web services. The past three years have been devoted to fast, high-availability complex web applications to support the NAPLAN initiative.

Database Administrator / Programmer, Qld Police Service 1998-2003

Information Systems Branch. Database administration. Responsible for planning and implement upgrade of Ingres 2.0 to Ingres II across the enterprise. Database design and analysis. Design and implementation of large scale data conversion and cleansing strategies, processes and tools. Design and implementation of Database Administration tools and processes.

Database Administrator / Programmer, Qld Department of Natural Resources 1995-1998

IVAS, IVASe, LGIP projects. Database design and analysis. Design, implementation and maintenance of IVAS system maintenance tool set. Tool and system design and implementation for data acquisition phase of LGIP project.

Senior Analyst/Programmer, Database Administrator, Pine Rivers Shire Council 1989-1995

Responsible for design and maintenance of broad range of administration and financial systems.

Programmer / Technical Support, Shannon Robertson Systems 1988-1989

Development and support of PC based small business systems and support systems for the agricultural industry.

Secondary School Teacher, Mathematics and Science, Qld Department of Education 1987

Robert remains a registered teacher and maintains his professional interest in educational and didactic techniques, policies and trends.

PERSONAL

Why does Robert describe himself as a part-time polymath?

“It’s mainly word-play, but it was one way to indicate that my interests are wide and varied. I am a voracious and omnivorous reader, and that pattern extends through my other interests in fine arts and music.

Although I’m an avid technophile, particularly regarding Macintosh systems, most of my leisure time is taken up by my deep interests in things medieval. I am involved in 15th century Living History and historical re-enactment activities, and am seriously studying renaissance fencing.

I have tried my hand at everything from sword fighting in armour to hand sewing and making shoes. I am a past president of the Richard IIIrd Society, and was treasurer of the Queensland Living History Federation for several years. Over three years running I was significantly involved in the organisation of the annual Abbey Medieval Festival on behalf of the Abbey Museum of Art and Archaeology.

I am a keen amateur musician, playing recorders, cornameuse, dulcian and saxophone, and have dabbled with painting, although most of my artistic endeavours now revolve around digital images. When not busy with these, you can find me in my workshop working with wood.”

[A full version of this resumé is available for download as a PDF file at

<http://www.parttimepolymath.net/res_full.pdf>,

and a highly detailed version at

<http://www.parttimepolymath.net/full_large.pdf>]