

Ian A. Harding

(253) 444-5939
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Overview

Experienced database designer, developer and administrator with broad knowledge of hardware, software and networking technologies.

Skills

Operating Systems: Windows, NetBSD, Linux, Novell, Solaris
Databases: PostgreSQL, Microsoft SQL Server, Sybase, Oracle
Database Extensions: Full Text Indexing, GIS,
Procedural Languages (PL/SQL, T-SQL, Watcom-SQL, etc)
Web Servers: AOLServer, Apache, IIS
Programming Languages: TCL, Unix Shell Scripting, Visual Basic, C
GUI Toolkits: Visual FoxPro, Microsoft Access, Visual Basic
Network and Application Security Auditing

Significant Projects

All of these projects were created in my current position. I performed all roles from process analysis through design, development, data-migration and training. I am also responsible for hardware and software specification, installation, configuration and maintenance, including disaster recovery planning and implementation.

Planning/Budgeting

Web-based planning system allowing managers to create and manage the departmental work plan, allocate resources, and generate budgets directly from that plan. Feedback from Microsoft SQL Server based accounting program provides plan versus actual comparisons in near real-time. Time cards are also incorporated and integrated into planning, with data validated and exported to payroll.

Event Tracking

Web based application used in day-to-day monitoring of public health events and management of contingency operations. Provides visibility of events and related activities throughout the entire department, and to external users.

Syndromic Surveillance

Automated program for collection of hospitals Emergency Department data via secure or encrypted means, and processing of that data for statistical analysis and reporting by 'syndrome.' Automated daily email messages to key decision makers highlight possible anomalies for further investigation.

Vaccine Distribution

Transaction based vaccine inventory management and clinical tracking system.

File Tracking/Image Management

Web based system for tracking location of paper files through unpredictable work flow. Directly integrated into existing Sybase vertical market application. Also manages eventual archiving of files as TIFF images, keyword search and display as PDF both on-site and via public website.

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Employment

10/2000 – Current Tacoma-Pierce County Health Department, Tacoma, WA
Programmer/Analyst II
9/2005 – Current 262 Information Warfare Aggressor Squadron, McChord AFB
Network Security Analyst (Air National Guard, Part-Time)
1/1999 – 10/2000 Northwest Programming Inc, Kent, WA
IT Project Manager
9/1997 – 1/1999 446th Logistics Support Squadron, McChord AFB, WA
Squadron Commander

Education

Certifications

Microsoft SQL Server 7 Administration
Microsoft SQL Server 7 Database Design
Microsoft Windows Server 2000 Administration
PostgreSQL 7.4 Administration
Oracle 10g Administration I
APICS Certified in Production and Inventory Management (CPIM)

Formal Education

Master of Science 1993 Education Administration
Troy State University, Troy AL
Bachelor of Science 1986 Agricultural and Resource Economics
Oregon State University, Corvallis, OR