

Byron Jones

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Career Summary

Senior Java Developer – Global-Heath Ltd

ReferralNet Secure Messaging Product
Software Development and Consultancy Services
April 2008 – Present

Senior Java Developer – Global-Heath Ltd

Hospital Administration System Product
Software Development and Consultancy Services
March 2007 – April 2008

Process Manager / Developer – Nintek / Zoom ITG

Online Retail and Consultancy Services
Software Development and Consultancy Services
January 2006 – March 2007

Lead Developer – Working Systems Solutions

e-switch Middle-ware Product
July 2002 – January 2006

Senior Network Administrator / Technical Manager - Working Systems Solutions

Software Development and Consultancy Services
September 2000 - July 2002

Senior Systems Administrator – Vianet Australia

Internet Service Provider
February 1999 – September 2000

Communication Systems Manager - Notre Dame University Australia

Private Catholic University
November 1995 - December 1998

Self Employed Developer / Systems Developer - Magnetic Designs

Design and Programming Consultants
January 1992 – November 1995

Key Competencies

Key strengths include the ability to work as a team member, to work under pressure and to meet tight deadlines, work unassisted and use initiative, maintain confidentiality, have a good personal image taking pride in appearance and manner.

Excellent communication skills, both written and verbal.

Active member of the Open Source Software movement. Active Bugzilla (Mozilla Foundation) developer and reviewer.

Broad knowledge across Systems Administration (UNIX and Windows), Networking and software development (design, development and process management).

Passionate about all aspects of the software development life-cycle, from design through development, deployment, documentation and ensuring products maximise help-desk's ability to support the delivered products.

Employment History

Senior Java Developer – Global-Health Ltd (prior name Working Systems Solutions)

ReferralNet Secure Messaging Product
Software Development and Consultancy Services
April 2008 – Present

Responsibilities

Responsible for co-design and implementation of a secure business to business messaging hub for transferring health and patient data electronically and securely, utilising Web Services and PKI.

Technologies

- J2EE (EJB3, Jboss with JMS)
- Web Services (SOAP, REST, Axis2, WSO2WSAS, JBoss-WS)
- JPA (Hibernate, MS-SQL)
- Eclipse, Ant, Subversion
- Delphi (GUI, Windows services, API)
- Perl (Web/CGI, MySQL)
- PKI (CA management, smartcards, end-to-end crypto)
- Gentoo Linux, Windows Server 2003 running on VMWare ESX

Key Achievements

- Co-design of Web Services using a SOA driven approach
 - Development of multiple service consumers (GP desktop, Windows service, Office/Mail integrated)
 - Built and deployed systems running on VMWare ESX geared towards high availability
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Senior Java Developer – Global-Health Ltd (prior name Working Systems Solutions)

Hospital Administration System Product
Software Development and Consultancy Services
March 2007 – April 2008

Responsibilities

Responsible for improving a legacy Java client/server application, in terms of systems architecture and development methodologies, to enable it to run on current systems and to streamline the development process.

Technologies

- Java Servlet (JRun)
- Java GUI (Swing)
- JDBC (MS-SQL)
- Visual Source Safe, DokuWiki

Key Achievements

- Massive changes to development process:
 - Strict source control
 - Strict code reviews
- Massive improvements to the release process:
 - Automated build system
 - Design and development of standard wizard installer
 - Automation of previously manual upgrade tasks
- Massive architectural changes:
 - Shifting from JRE 1.3 to latest (JRE 1.6)
 - Shifting from MS-SQL 2000 only to any MS-SQL server version
 - Significant improvements to core classes in terms of performance and usability
- Development of automated tools to aid in development and release
- Established escalation process to ensure both support and development's escalation requirements are documented and met

Process Manager / Systems Developer - Nintek / Zoom ITG

Online Retail and Consultancy Services
January 2006 – March 2007

Responsibilities

Responsible for documenting established procedures, establishing new procedures, and streamlining operational systems across human and computer resources.

Responsible for designing and implementing software and infrastructure to accommodate a rapidly growing on-line store.

Technologies

- VBScript/ASP (IIS)
- Helpdesk and Intranet deployment and customisation (Request Tracker, MediaWiki)

Key Achievements

- Implemented and populated WIKI based intranet
- Implemented help-desk management software, including process and metrics
- Greatly extending an existing on-line shopping package to include:
 - Massive improvements to security, including per-user ACLs and full system auditing
 - Developed end-to-end purchasing system geared for just-in-time delivery
 - Developed full inventory tracking system, including pending and allocated stock
 - Developed systems to automatically update inventory based on supplier feeds
 - Cross-supplier product matching for price comparison

Lead Developer – Working Systems Solutions

e-switch Middle-ware Product
Software Development and Consultancy Services
July 2002 – January 2006

Responsibilities

Responsible for design, development and product proving of a middle-ware switching product, including:

- Development and Maintenance of Development process management (bugtracking, source management, etc)
- Driving technology direction and initiatives
- Managing intra-product communications between in-house and 3rd party products
- Designed and implemented complete middle-ware solutions for communications between health system, including MedTrak, IBA, BOS, STOCCA, Chiron, and e-PAS

Technologies

- Delphi, Perl
- COM, ActiveScript
- HL7

Key Achievements

- Developed application utilising the HIC-Online API (approx 170,000 lines of code)
- Developed APIs for integration with PKI solutions, including HESA and PGP
- Designed and Developed HL7 interface engine, with ability to parse and create HL7 message of any version, type or event.
- Undertaken major roles in the development, testing, refinement and implementation of middle-ware platform, and management of the versioning and deployment of releases and patches.
- Made a significant contribution to the generation and documentation of business processes for product development.
- Developed complex web based administration console (approx 22,000 lines of code)

Senior Network Administrator / Technical Manager - Working Systems Solutions

Software Development and Consultancy Services
September 2000 - July 2002

Responsibilities

Responsible for setting up and maintaining all Information Technology systems operating at a large publicly listed software development company. This included:

Configuration and maintenance of a large multi-campus network:

- Defining and enforcing security measures from external and internal attacks
- Oversight of Desktop maintenance (Windows 9x, 2000 and NT)
- Steering direction of technical services across three locations (Perth, Melbourne and Singapore) in ensuring a collaborative environment exists
- Development and Consulting, both internal and for clients, in a wide range of areas including security and web based applications

Key Achievements

- Initiated, implemented and enforced tight security model (firewall, DMZ and content filters)
 - Authored application layer firewall to dramatically improve IIS's security model
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Senior Systems Administrator - Vianet Australia

Internet Service Provider
February 1999 - September 2000

Responsibilities

Responsible for setting up and maintaining all Information Technology systems operating at an Internet Service Provider. This included:

- Systems administration of more than 14 Linux servers, and multiple Windows NT servers
- Setting up routers and Network Access Servers (Cisco (3640, AS5300), Bay/Nortel Networks (5399))
- Setting up and maintaining network-wide security measures
- Setting up the following services and applications in a large scale environment (Apache, Sendmail, Squid, MySQL, MS-SQL, IIS, SSL, etc)
- Managing a team of two Assistant Systems Administrators

Key Achievements

Development a large number of automated systems, including:

- Web-based Helpdesk diagnostic tools
 - Development of Perl scripts to gather billing data via SNMP and via NetFlow from Cisco routers
 - Fault detecting and notification systems, including SMS messaging and automatic fall-overs.
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Communication Systems Manager - Notre Dame University Australia

Private Catholic University
November 1995 - December 1998

Responsibilities

- Overseeing University wide computer network of more than 200 computers
- Supervision of two full time and one part time staff
- Set-up and maintenance of seven servers running Novell Netware 4.11, Windows NT, Linux and Solaris

Key Achievements

- Initiated, set-up and maintained lab distribution systems (PCRdist, Ghost)
 - Initiated and set up user-pays printing system
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Self Employed Developer / Designer - Magnetic Designs

Design and Programming Consultants
January 1992 - November 1995

Responsibilities

Self employed in a partnership offering computer programming and graphic design solutions.

Key Achievements

- Winner of 1992 Nescafe Big Break Award of \$20,000 grant
- Authored and sold point-of-sales box office management software for the Macintosh.

Personal Details

Name Byron Anthony Jones

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Full details not available in online version.

Referees

Full details not available in online version.