

# Joseph Curtis - Resumé

## Contact Details

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## Academic Achievements

**2006** Australian National University – Bachelor of Software Engineering

**2001** Canberra College, ACT – Year 12 Certificate

## Technical Skills

### Programming Languages

- C# (2 years)
- Java (6 years)
- Javascript
- Ruby
- BPEL (Business Process Execution Language)
- SQL
- XML
- XSLT (1.5 years)

### Frameworks

- C# ASP .NET (2 years)
- Durandal javascript single page application framework
- Diverse javascript frameworks including knockout, requirejs, jQuery, and jaydata
- Oracle ADF Faces user interface framework (2 years)
- Oracle Business Components
- Oracle SOA Suite (10.1.3.4) and Oracle Fusion Middleware 11g (2 years)
- Spring/Hibernate annotations (1 year)
- Java Swing UI framework
- [Apache Wicket](#) web application framework
- Spring MVC with XSLT as view
- Apple WebObjects web development framework (9 months)

## Development Environments

- Visual Studio
- Eclipse Java IDE
- Netbeans
- Oracle JDeveloper
- Xcode
- EMACS

## Operating Systems

- Windows (development)
- Linux (development and minor system administration)
- Mac OS (development)
- Amateur interest in and experience with C++ and Arduino embedded platform

## Databases

- ORACLE SQL
- Microsoft SQL Server
- MySQL

## Version Control

- Git
- Mercurial
- Subversion
- TFS
- CVS

## Miscellaneous

- Grunt javascript build control system
- [Apache Maven](#)
- Apache Ant
- Developing for, installing, configuring, administering and deploying applications on the Oracle Weblogic application server
- Administering Oracle Universal Content Management server
- Automating deployment of Java applications and SOA composites to Oracle Weblogic application server
- Developing against Windows Service Bus
- Developing and deploying a large BPEL-based application on the Oracle OC4J server
- Configuring the OC4J server
- Using and administering a continuous integration server running [Atlassian Bamboo](#)
- Administering a version control server running SVN.

- Continuous integration systems Teamcity, Bamboo and [Hudson](#).
- Developing for and deploying applications on the Apache Tomcat servlet container.
- Developing web services within the Oracle Fusion Middleware environment.
- Developing web services within a RESTful Service Oriented Architecture.
- XHTML and CSS to design and build standards compliant web pages and have developed several LAMP (Linux/Apache/MySQL/PHP) web applications.
- Developing within the Scrum methodology of agile software development.
- Developing within the Kanban methodology of agile software development.
- Familiar with VMware virtual machine technology.
- Emacs and org-mode.
- Graphic design tools [Inkscape](#), the [GIMP](#), and Adobe Photoshop.

## Natural Languages

- Native speaker of English.
- Intermediate level of spoken and written Norwegian, advanced understanding of spoken Norwegian.
- Intermediate level of spoken and written Danish.

## Career Overview

4<sup>th</sup> March 2013 – 29<sup>th</sup> May 2015

### **Gecko Informasjonssystemer AS, Norway**

Primary tasks involved working on development and maintenance of [ePhorte](#), Gecko Informasjonssystemer's case handling system.

Worked with one other colleague to develop digital expedition and search integration for ePhorte to the Altinn and Digipost digital post boxes.

Worked on the future front-end to the ePhorte system, a single page javascript application based on the Durandal framework, interfacing to the core back-end through odata web-services.

15<sup>th</sup> June 2011 – 27<sup>th</sup> July 2012

### **IT-Production Application Server Group, Alm. Brand Insurance, Denmark**

Worked as an administrator of enterprise applications servers, primarily Oracle Weblogic (version 10.3) and to a lesser extent OC4J.

Primary tasks were:

- Day-to-day administration of many Weblogic instances spanning many different servers and environments.
- Managing the deployment of enterprise java applications to the instances and their progression through the different environments, test, demo, and production.
- Installation and configuration of Weblogic server environments.
- Administration of several Oracle Universal Content Management servers powering Alm. Brand's website and Intranet, including:

- Installation and configuration of new UCM instances
- Setting up replication/syncing between development, test, and production UCM instances
- Day-to-day administration.
- Administration of Oracle SOA Suite environments, SOA composites, Oracle Service Bus, and Oracle BAM, including deployment and troubleshooting.

Troubleshooting of application server related incidents on the above-mentioned systems. Worked closely with developers to troubleshoot hard to pinpoint bugs in applications or in their deployment to new environments.

Developed and maintained a tool to automate the management, archiving, and deployment of java enterprise applications and various SOA suite applications to Alm. Brands diverse servers and environments whilst maintaining control over and keeping track of the different application versions deployed to each server instance and environment.

16<sup>th</sup> March 2009 – 10<sup>th</sup> June 2011

#### **Oracle Solution Lab, Readsoft, Denmark**

Worked on PROCESSIT (<http://www.readsoft.com/software-products/processit.aspx>), an enterprise invoice processing and approval workflow for Oracle E-Business Suite. Developed with a business logic core of BPEL processes, accessing the Oracle database back-end via various Java web-service APIs (SOAP and JAX-WS). User interface developed using Oracle ADF Faces and data-access layer developed using Oracle Business Components.

Main tasks included developing new features for and bug fixing PROCESSIT. The majority of my development tasks were in Java using ADF Faces. Worked also on the back-end business logic which is primarily in BPEL.

Developed an installation and packaging system for a complex enterprise application consisting of BPEL, SQL, Java web-services and ADF Faces user interface components. Implemented automated building/packaging of the aforementioned application integrated with the continuous build system Bamboo.

Developed a custom authentication provider for Oracle Weblogic application server that allows authentication against Oracle E-Business Suite users.

Performed administration tasks for the continuous build server (Bamboo) as well as the version control server (SVN).

3<sup>rd</sup> October 2006 – 17<sup>th</sup> October 2008

#### **Collection Infrastructure and Access Branch, National Library of Australia.**

Worked on:

- NLA Oral History Audio Delivery system. Making available online, many of the Library's oral history interviews. Developed in Java with Apache Wicket front end. Spring/Hibernate in REST-based web-service back end to interface with ORACLE database.
- NLAs rights management system. Developed in Java using Spring/Hibernate back end with Spring MVC front end using XSLT for the display.
- Pandas version 3 (<http://pandora.nla.gov.au>), the NLAs web archiving and display system.

3<sup>rd</sup> April 2006 – 29<sup>th</sup> September 2006

**Digital Resource Services, Scholarly Technology Services at Australian National University.**

Designing and Implementing AONS (Automated Obsolescence Notification Service,  
<http://web.archive.org/web/20090930072712/http://www.apsr.edu.au/aons/index.htm>.)

6<sup>th</sup> December 2004 – 18<sup>th</sup> February 2005

**Digital Resource Services, Scholarly Technology Services at Australian National University.**

Designed and implemented log file analysis and statistical presentation software for DSPACE.