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https://github.com/jredden is a repository of sample work.

Work History

Sep 2012 – current   **Self**
Maintenance and upgrade of southkonafarms.com. Work includes MySql, PHP, JQuery and Javascript.

May 2013 – Oct 2014 **PriceGrabber.com**

Business: Search Engine Marketing   Title: Senior Java Contractor

The majority of the work is associated with enterprise applications.   A small team of Java developers, that I was a part of, enhanced a J2EE application. Technologies used included JDK 7.1, JBoss AS 7.0, Tomcat 7, Maven 3.0, Jenkins as continuous build, deployment and configuration management tool. Other technologies included WELD, Spring HTTP controllers, JQuery, Javascript, JSON abd HTML5.

Dec 2011 – Sep 2012   **Grindr/Blendr LLC**

Business: social networking targeted towards mobile devices.   Title: Contractor / Core Engineer

Worked on a number of platforms, Linux, Windows, OSX and a number of languages, Java J2EE, Python, PHP, Erlang for example. Developer of back-end for messaging systems, using MongDB, Redis and JPA Java APIs. Installed RDS/MySql running on EC2 AmazonMachineImage in a master/slave configuration. RabbitMQ Interprocessor messaging between processors. Used Google JSON serialization/de-serialization API for message building and conversion to domain objects. Completely reorganized source base to remove Maven cyclic references. Used git for source control. Built Nagios plugin using Python. Participated in daily "scrum" meetings. Used Jira for issue and feature tracking.

2003 to Dec 2011 **Matrix Consultants** (matrix-consultants.com)

Business: web and traditional advertising   Title: Senior Developer/Architect

Architect for vehicle dealership dashboard web sites. Functionality included inventory normalization, inventory search capability, management of inventory name space and marketing name space translation, leads and product quote transactions. Design required loose coupling to multiple databases. Took responsibility for all phases of the product, including assistance with QA, on-line source code review and hands on work at the source code level. Champion of repeatable processes using cyclical development.

Design and implementation of e-mail message advertising system. Extensive use of Spring framework controllers in concert with JQuery/JSON web page messaging. Embedded CKEditor, role based functionality, built in version control and business e-mail list management for this project.

Design and implementation of customized dealer inventory feeds using PHP5 and the Zend framework. Each customized feed implemented a common interface, that allowed for rapid development, easy testing and support.

Extensive, but judicious use of standard design patterns, especially factory, singleton, state, adapter, bridge and facade patterns.

Initiated and maintained local Maven repository of in-house and Open Source objects to guarantee consistent object versions for all development and release cycles.

Database design includes choices of normalized and unnormalized tables, index optimization and database master and slave replication. Design of tables to work effectively with application Domain Objects.

More Significant responsibilities: Design of visualization, application domain, security, persistence and data access tiers for medium to large web application systems. Implementation using Java JDK 1.6, Spring 2.5.*, Hibernate 3.2.6, Struts 1.1, MySql 5.1.*, Quartz schedular. Source control using Subversion. Development and build environment using Maven 2, Ant and the Eclipse IDE. Unit testing using Junit in concert with Maven 2. Jquery/JSON development and testing using the Firefox Firebug plug-in. Design of databases to support web applications and e-commerce.   Documentation built on company Wiki using a variety of office tools, using UML and Use Case standards.

Other technologies used: PHP 5, MySql stored procedures, Oracle 9i, Gentoo Linux, Ubuntu Linux, SunOS, Microsoft Windows server 2008, ECMA script (Javascript), Resin 3.* Application Server, Tomcat version 6 Application Server.

Capable of system admin responsibilities for Linux systems, using Bash and other Open Source command line utilities.

Familiarity with web visualization technologies, CSS, HTML, EL, JSTL for example.

Implementation of kiosk for motorcycle dealerships, 2004 time-frame. All work for SalesPro advertising kiosk using C# and VB.net in MS-Windows environment.

1996 to 2003 **SEI Information Technology** (now solugenix.com)

Business: IT Consulting Services   Title: Senior Consultant

Major responsibilities: Design and support of infrastructure for companies ranging from Internet Startups, including Navtech.com to large financial companies like Capital Group / American Funds. Implementation using Java JDK 1.3, Weblogic 6.0 Application Server, JBoss Application Server, Tomcat Application Server, Sybase version 11, Object Oriented Design in C++ and Perl5.

Other technologies used: TSQL/Sybase Stored Procedures, MicroSoft Visual Studio, Perforce source control, JDK 1.0, Visual Cafe IDE, HPUX operating system, AIX operating system.

Experience before 1996 includes Unix operating systems internals and porting for three original equipment manufacturers, database manager internals, multi-processor embedded operating systems.

Discussion of pre-1996 experience available on request.

Education

MS Computer, Science, Loyola Marymount University.
BA, Calif State U Long Beach,
Undergrad Computer Science, Calif State U Dominguez Hills.

Member of the **IEEE** and participant in http://www.linkedin.com/groups/Java-Developers