

**Mike Dougherty**  
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**OBJECTIVE:**

Projects that will allow me to architect, design, and develop mobile, desktop, and server business or consumer software solutions.

**QUALIFICATIONS:**

Eleven years of experience developing, troubleshooting, and maintaining software. Nine of those years have been using Java as the primary development language.

**SKILL SUMMARY:**

Technologies:	Platforms:	Software:	Abilities:
JEE	Linux	IntelliJ	OOD/OOP
JSE	UNIX	NetBeans	Project Leader
GWT	Mac OS X	JBoss	Team Leader
PHP	iPhone OS	OpenOffice.org	Mentor
Objective-C		Xcode	

**PROJECT SUMMARY:**

**iForget:** Design and development of iPhone OS native application for phrase memorization.

**CorpMed Ergo Clinic:** Maintain and enhance Ergo Clinic Learning Management System using Java, Flex, and MySQL.

**FITS:** Designed and developed FORCEnet Implementation Tool Suite for the purpose of integrating various Navy and DOD web based applications within a single tool.

**Ship Maintenance:** Designed and implemented web application for initiation, analysis, and tracking of Navy ship enhancements.

**Medical Accounts Receivable System:** Maintained and enhanced existing Swing based data entry application for the MARS (Medical Accounts Receivable System).

**CodeEngine (MDA Application):** Designed and developed J2EE 1.3 application from UML Class Diagram using Sun's BluePrints and J2EE Design Patterns (deployable on JBoss 3.0 and WebLogic 6.1). Developed XSL Code generation templates to turn UML models into a J2EE 1.3. executable application (xUML).

**Operator Dispatch (Call Center application):** Gathered requirements, architect, and design of a call center application.

**Telematics Administration Console:** Developed a web based administration console for a Telematics product using the Struts framework.

**DRM Store Front:** Designed and developed a proof of concept and prototype store front for second generation DRM application using J2EE.

**EMPLOYMENT:**

**Organization:** Self Employed on various contracts

**Location:** San Diego, CA

**Period:** 2006 to Present

**Job Title:** J2EE/J2SE Architect, Developer, and Owner

**Responsibilities:** Bid, design, and develop custom software solutions for various clients in Java, J2EE (EJB/JSP), .

**Achievements:**

- Designed and developed iPhone OS application iForget.
- Maintain and enhance CorpMed's Ergo Clinic LMS.
- Designed and developed Stretch Break Java desktop for Para Technologies.

**Organization:** iBASEt, Inc.  
**Location:** San Diego, CA  
**Period:** 2004 to 2006  
**Job Title:** J2EE/J2SE Architect and Developer  
**Responsibilities:** Architect, design, and develop Java Enterprise solutions for SPAWAR and the Navy.

**Achievements:**

- Architecture, design, and development of the FORCEnet Implementation Tool Suite.
- Architecture, design, and development of the Ship Maintenance Process tool.

**Organization:** Self Employed on various contracts  
**Location:** San Diego, CA  
**Period:** 2003 to 2004  
**Job Title:** J2EE/J2SE Architect and Developer  
**Responsibilities:** Bid, design, and develop custom software solutions for various clients in Java, J2EE (EJB/JSP).

**Achievements:**

- Designed and developed JSP based web interface for T-Online's directVPN service.
- Designed and developed Java credit card processing system for Floorshop.com.

**Organization:** XIFIN, Inc.  
**Location:** Del Mar, CA  
**Period:** 2002 - 2003  
**Job Title:** J2EE/J2SE Architect and Developer  
**Responsibilities:** Maintained Medical Accounts Receivable System (MARS) Order Entry subsystem.

**Achievements:**

- Designed and Implemented MVC (Model View Controller) framework for use in Swing applications.
- Rewrote new Order Entry application using MVC framework.
- Increased performance and reliability of existing Order Entry Swing client.
- Architecture and design of Laboratory Order and Reporting (LOR).

**Organization:** Cogenisys, Inc.  
**Location:** San Diego, CA  
**Period:** 6 month contract in 2002  
**Job Title:** J2EE Architect and Developer  
**Responsibilities:** Architect, design, develop J2EE code generation templates for an MDA application.

**Achievements:**

- Developed application by applying J2EE design patterns to UML model.
- Wrote XSL templates which generated JSP, EJB, and JMS source files.

**Organization:** Aradiant Corporation (formerly NDC Wireless)  
**Location:** San Diego, CA  
**Period:** 2001 - 2001  
**Job Title:** Senior Software Engineer (Java)  
**Responsibilities:** Architecture, design and development of Operator Dispatch program.

**Achievements:**

- Analyzed current dispatch program and operator agent uses and needs to gather requirements.
- Developed proof of concept and prototype with J2EE and Swing technologies.
- Researched and evaluated JDBC driver and J2EE application servers.

**Organization:** Teradata CRM (a division of NCR Corporation)  
**Location:** San Diego, CA  
**Period:** 2000 - 2001  
**Job Title:** Senior Software Engineer (Java)  
**Responsibilities:** Architecture, design and development of Event Management subsystem of the CRM application with J2EE technologies.

**Achievements:**

- Designed and developed adapter factory to turn user expressions into Java byte code
- Designed and developed framework for rules engine processing
- Provided performance analysis and recommendations for subsystem and application improvements

**Organization:** MediaDNA, Incorporated

**Location:** La Jolla, CA

**Period:** 1999 - 2000

**Job Title:** Java Software Engineer

**Responsibilities:** Build and maintain the server side of a distributed DRM (Digital Rights Management) solution.

**Achievements:**

- Contributed to the design and development of the client and server components of the DRM software.
- Integrated DRM client and server application with BEA Systems WebLogic Servers.
- Designed and developed administrative interface with Java Web Application technologies.
- Designed and developed a customer service Applet and a supporting database proxy servlet.

**Organization:** MessageMedia Inc. (formerly First Virtual Holdings Incorporated)

**Location:** San Diego, CA

**Period:** 1995 - 1999

**Job Title:** Software/Web Developer

**Responsibilities:** Design, develop, maintain and install Web Application for the IMC (Interactive Messaging Center).

**Achievements:**

- Developed and administered a Web Application for the administration of the IMC E-Mail engine
- Researched deficiencies in COTS tools to develop alternative solutions for improved cost effectiveness
- Educated operations and QA personnel on the operation of the GUI

**EDUCATION:**

Business Administration and Management

University of Redlands, Redlands, CA

Level 3 Unix System Administrator

SAIC