Mike Dougherty

Code Whisperer and Remodeler

Contact Info

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Summary

I am currently a Lead Code Whisperer at Corgibytes and have almost 30 years of experience in software engineering and consulting and have led numerous large-scale and multi-year projects in a wide variety of technology stacks and cloud-based infrastructure. He enjoys working collaboratively with teams to solve complex problems, whether they are related to stabilizing and refactoring legacy code, re-architecting application components, or finding better ways to test, build and deploy with modern tooling.

Experience

Lead Code Whisperer

Corgibytes, Richmond, VA

May 2019 – Present

- As a member of the team working to help Capital One Financial (COF) modernize their Java and Scala microservices to reduce code complexity and duplication and migrate to new CI/CD pipelines and code analysis tools and requirements.
- As a member of the team working on Shelterluv's Drupal 7 based application, helping modernize, detangle and apply the Strangler Pattern to prepare them for rapid development and deployment as they target a Macroservice Architecture for the future of the application.

Senior Consultant / Architect

Three Dev, San Diego, CA

2003 – Present

Architect, develop and maintain custom software solutions for various clients in Java, Objective-C and other languages..

- Developed assorted Java EE (JSF, EJB, JPA) applications including WaveReg.com and thelifeapp.us.
- Developed iOS and Android applications – iForget, Horizon, Rock Mobile.

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- Developed Java EE Mogiv SMS and online donation platform – mogiv.com.

Software Developer
Itdesign, GmBH, Tübingen, Germany
2014 – 2017
- Develop, debug and support GWT/GXT application – *itd: Assignment Editor* and *itd: Allocation Editor*.
- Scrum Product Owner for *itd: Assignment Editor*, *itd: Allocation Editor* and other PPM products.
- Project manager for U.S. customers and projects.

Java Architect / Engineer
iBASEt, Inc. San Diego, CA
2004 – 2006
- Architecture, design, and development of FORCEnet Implementation Tool Suite (FITS) and Ship Maintenance Process Java EE applications.

Senior Java Engineer
XIFIN, Inc. San Diego, CA
2002 – 2004
- Designed and Implemented MVC (Model View Controller) framework for use in Swing applications.
- Rewrite of Order Entry as Web application using Struts MVC framework.
- Architecture and design of Laboratory Order and Reporting (LOR).

Lead Java Engineer
Cogenisys, Inc., San Diego, CA
2001 – 2002
- Develop runnable Java EE application by applying industry design patterns to UML model.
- Develop XSL templates for generating runnable Java EE application from UML model.

Lead Java Engineer
Aradiant Corporation, San Diego, CA
2001 – 2001
- Analyzed current dispatch program, operator agent uses and needs, to gather requirements.
- Developed proof of concept and prototype with J2EE and Swing technologies.

Lead Java Engineer

Teradata CRM, San Diego, CA

2000 – 2001

- Designed and developed adapter factory to turn user expressions into Java byte code.
- Designed and developed framework for rules engine processing.

Java Engineer

MediaDNA Inc., San Diego, CA

1999 – 2000

- Assisted in the design and development of the DRM system
- Designed and developed customer service and administration application for the DRM system

Java Engineer

MessageMedia Inc. (formerly First Virtual Holdings Inc.), San Diego, CA

1995 – 1999

- Design, develop and maintain web administration console for the IMC (Interactive Messaging Center)
- Administration, research and support for the VirtualPIN transaction platform

Skills

Languages/Markup: Java EE, PHP, Solidity, Javascript/Typescript, Objective–C, XML, XSL
Data/ETL: MySQL, PostgreSQL, Oracle, NoSQL (i.e. MongoDB, Datastore/Firestore, etc)
Infrastructure/Cloud/DevOps: GCP, AWS, GitHub Actions, BitBucket Pipelines, Jenkins, Linux, macOS, Unix
Frameworks: JPA/Hibernate, JSF/JSP, Spring, Struts, Laravel, Foundry, Android, iOS
Web Services: REST, gRPC, SAML, SOAP, XMLRPC, OAuth
SDLC: Agile, SCRUM, Kanban, TDD, BDD, Jira, Trello

Education

Business Administration and Management

University of Redlands, San Diego, CA

Level 1 Information Assurance Training & Level 3 Unix System Administrator

SAIC Inc., San Diego, CA

B1 Language Certification in German

Bundesamt für Migration und Flüchtlinge, Tübingen, Germany