

# Robert Worsnop

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Dunwoody  
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## Current Skills

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Java, Reactive Streams, Spring, R2DBC, Hibernate, JPA, AWS

## Work History

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### VMware

**Sandy Springs, GA**  
**June, 2013 - Present**  
**Staff Engineer II**

*Worked with AWS, Java, Reactive Streams, Vert.x, Tomcat, Jetty, Spring, Git, MongoDB, PostgreSQL, RabbitMQ, Redis.*

### Projects

- Mobile Flows—an enterprise productivity application.
- AirWatch Chat—a secure enterprise messaging application.

### Responsibilities and achievements

- Designed the Mobile Flows server microservice architecture from the ground up. It's based on Spring (Cloud, Security, Boot, WebMVC, WebFlux, Project Reactor) and PostgreSQL and is deployed to AWS.
- Designed the AirWatch Chat server architecture from the ground up. It's based on Vert.x, Spring Integration, Spring MVC, Spring Boot, MongoDB, and RabbitMQ.
- Evangelized new technologies.
- Led and mentored developers.

### Altisource

**Dunwoody, GA**  
**January, 2012 - June, 2013**  
**Senior Software Architect**

*Worked with Java, Tomcat, Hibernate, JPA, Spring, MySQL, Git.*

## Projects

- REALFoundation—a set of frameworks to support a suite of next-generation projects.
- REALServicing—a next-generation product intended to replace a legacy system with a linearly scalable solution.

## Responsibilities and achievements

- Built a framework on top of Hibernate filters which provided customizable, transparent data partitioning. Part of this effort required me to make a significant contribution to the Hibernate project. See HHH-2394.
- Created standard security features—reset password, user lockout, password rules, etc.
- Extended logback so that log levels can be overridden in the database and per-user logging can be configured. This removes the need for an application restart in production. Also created simple Grails application to make the database changes.
- Created annotation-based, customizable auditing framework.

## MedQuist, Inc

Norcross, GA

April, 2006 - January, 2012

Senior Software Architect

*Worked with Java, JBoss, Hibernate, EJB, Spring, Oracle, ANTLR, Coherence, XML.*

## Projects

- DocQvoice—a voice capture system for medical transcription.
- DocQment myWAY—a system that allows physicians to edit speech-recognized medical documents.

## Responsibilities and achievements

- Produced roadmap for streamlining DocQvoice and merging with main document workflow system.
- Defined the middleware architecture for DocQment myWAY.
- Oversaw and participated in the conversion of an on-premise version of DocQvoice to a clustered data center version that is required to process in excess of 100,000 transcription jobs per day.
- Delivered technical "lunch & learn" presentations on unit testing, Spring, Acegi (now Spring Security), Contract-first web services, Hibernate, and Oracle Coherence.
- Introduced new technologies to the organization; e.g., Spring.
- Acted as a mentor to other members of the team.

## Education

### University of Sunderland

BA (Hons) Business Computing