

Summary

Software Developer with 23+ years professional experience designing client apps, websites, and server frameworks, innovating on usability, solving industry-specific problems, and growing peers' skills.

- Java, Spring, Groovy, Grails, SQL, Mongo, REST, MVC, IoT, CI/CD, Agile, JUnit, Mockito
 - JavaScript, jQuery, HTML5, CSS, Ajax, JSON, XML, PHP
 - Objective C, C#, Delphi, Flex
 - IntelliJ, JetBrains, Eclipse, Xcode, Visual Studio, GitHub, Perforce, Jenkins, Maven
 - OSX, iOS, Windows
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Experience

Spireon, Inc. Remote / Home **2014 - 2020**
Senior Software Engineer, Lead - Internal Apps

- Adopted prototype applications and rapidly iterated functional releases with a focus on reliability, scalability, and usability. Independently acquired and mastered domain knowledge over these apps then disseminated it to other team members.
- Established and implemented test-driven design practices and greatly increased test coverage of legacy and new codebases.
- Drove discussion with product managers and users to understand pain points and desired functionality; designed, prioritized, and delivered timely solutions.
- Provided architectural guidance to project managers and other engineering leads regarding internal tools and backend servers on microservice-focused platform.
- Ensured smooth warehouse and field operations by quickly assessing and resolving escalations caused by outages, software bugs, and human errors.
- Created design diagrams, onboarding process docs, self-service tools, and user-management best practices for consumption by multiple employee roles.
- Integrated new in-house apps with legacy apps, carrier APIs, and NetSuite.

Henchies Austin, TX **2013 - 2014**
Architect, Designer, Programmer, Art Director

- Independently developed online game from concept to prototype to public launch.
- Created client-agnostic, transactional server platform using PHP and SQL, scalable to run multiple different game apps.
- Created lightweight browser-based client using jQuery/CSS focused on usability, responsive design, and support for all modern browsers on mobile and desktop.
- Implemented web-based tools for content creation and management.
- Provided creative guidance and oversaw all artwork development, managing timelines and deliverables from multiple contracted artists.
- Reimagined the free-to-play model to monetize without encouraging pay-to-win.

Experience (cont'd)

Intuit Inc. Plano, TX

2001 - 2013

Senior Software Engineer

- Lead or key contributor on multiple internal startup projects, ensuring they benefitted from a solid core architecture and re-usable component libraries.
- Implemented features using Delphi and Java in premium tax application (Lacerte) to increase usability and add value for users (accountants) to sell to customers.
- Created tools for migrating and debugging millions of lines of Delphi into Java.
- Implemented system tray service using C# .NET to update and launch apps.
- Created rich web application using Flex and Java; innovated in UI design.
- Mentored other engineers to help them master object oriented design, multi-threaded programming, three-tier architectures, and agile methodologies.
- Received biennial outstanding performance reviews for leadership, building strong teams, and exceeding expectations on deliverables.
- Established onboarding best practices to jumpstart new engineers' productivity.
- Facilitated discussions between project managers, engineers, quality assurance, and support representatives to prioritize new features and bug fixes.
- Collaborated directly with third parties on requirements, timelines, and software integration, including the IRS for e-file and banks for secure refund transfers.
- Inventor on granted patent US 8452676 B1.

Adconmark, Inc. Austin, TX

1998 - 2001

Software Developer

- Designed and programmed three-tier pharmaceutical applications using Delphi 5.
- Created custom UI and data aware components to enable rapid app development.
- Created communications objects and programs using DCOM and TCP/IP sockets.
- Oversaw project design, development, release, and support cycles with a focus on reliability, quality, and usability.
- Demonstrated products and features to sales team and customers (pharmacists).
- Maintained company website using HTML, JavaScript, and Perl.

Ensoft, Inc. Austin, TX

1996 - 1998

Software Developer, Internet Specialist

- Created GUIs for engineering apps to facilitate entering and manipulation of field samples then graph calculated results for analysis by end users (engineers).
- Created supplemental data conversion and calculator applications to assist users with common tasks and provide an extra source of revenue for the company.
- Created and maintained company website.

Education

University of Texas at Austin
Attended 1996-1998

McNeil High School
Valedictorian 1996