

PROFESSIONAL SUMMARY

- Over 30 years' experience in the software development industry in a variety of roles with various companies and disciplines.
- Experience with all facets of software application development and project management including managing and coordinating diverse domestic and international development teams.
- Strong leadership, management and communication skills to accomplish project objectives on schedule.
- Experience working with and coordinating cross-functional groups including Quality Assurance, Product Marketing, Engineering, Internationalization, Documentation and Technical Support.

EMPLOYMENT HISTORY

Quiverware LLC - Westminster, Colorado August 2018 – Present

Senior Programmer / Consultant / Owner

- Started Quiverware to focus on iOS and Android mobile app development using Flutter.

Projects

Color Clues August 2018 – March 2019

- Children's treasure hunt game available for Android on Google Play and iOS on App Store.
www.colorclues.com.
- Worked closely with client to re-write and significantly enhance existing React Native app in Flutter.
- Flutter, Dart, Firebase (Auth, Realtime Database, Storage), JSON, GitHub, Android Studio, Xcode, iOS, Apple Connect, TestFlight, Bitrise, Codemagic

Cardinal Peak - Louisville, Colorado September 2017 – March 2018

Senior Programmer

- Worked on portions of several contract projects for Intermatic, Forrester Research and S3 Systems.
- C#, React Native, Javascript, JSON, REST, Android Studio, Xcode, iOS, Android Studio, Bitbucket, GitHub, HockeyApp, Bitrise

Medtronic, Inc. - Boulder, Colorado September 2015 – February 2017

Senior Programmer

- Helped define and create an iOS and Android patient data sensor data aggregator app.
- The Data Aggregator pairs with multiple Bluetooth LE medical sensor devices to monitor patient biometric parameters. This data is then sent to a Cloud web service over Wi-Fi using a proprietary protocol.
- The Data Aggregator sends sensor device information to the server using a proprietary protocol defined by Medtronic.
- Incorporates asynchronous tasks using TAP for monitoring and cadence services.
- Binding a third-party Objective-C library in Xamarin to access the data of a third-party sensor device through the Objective-C API.
- C#, Java .NET, JSON, REST, SQLite, Android Studio, Xamarin, Mono-Touch Dialog, xibs, Xcode, iOS, Android Debug Bridge (ADB), Perforce, Apple Connect, TestFlight

Alteryx, Inc. - Boulder, Colorado 2012 –2014

Senior Programmer / Technical Lead for Designer GUI

- Managed UI/UX team through several releases to dramatically improve user experience.
- Designed and implemented new scheduler GUI front-end in WPF in a legacy WinForms application.
- Refreshed dated WinForms GUI to a more contemporary look-and-feel including designing and implementing new custom controls to improve user experience and workflow.
- WPF, WinForms, C#, .Net, XML, SQL, Visual Studio 2010, SVN

END Games Entertainment, LLC - Louisville, Colorado 2012 – 2012 (3 months)

Senior Programmer

- Localized Going Nuts, an Android game, for Korean.
- Worked on Jungle Rummy and Fairway Solitaire; two separate card game projects.
- Unity 3D, C#, Flash, ActionScript, ASP.NET, MVC3, SVN

LEGO Systems, Inc. (Gazillion Entertainment / NetDevil) - Louisville, Colorado 2010 - 2011

Lead Tools Programmer / Tools Programmer

- Responsible for the development and maintenance of all software tools used in the production and delivery of LEGO Universe.
- Recruited and built a tools development team consisting of six engineers.
- Improved the quality and support of tool applications.
- C/C++, C++/CLI, C#, WPF, WCF, Windows Forms, SQL, Perforce, Flash, ActionScript

Idol Minds, LLC - Louisville, Colorado 2008 - 2009

Senior Programmer

- Responsible for the maintaining and enhancing the primary game development tool application, Level Editor.
- C/C++, C++/CLI, .NET, Windows Forms, PlayStation3, Perforce

Quark, Incorporated - Denver, Colorado 2006 - 2007

Senior Director, Desktop Applications

- Responsible for the development of Quark's Desktop applications; QuarkXPress, Quark CopyDesk, Quark Interactive Designer, Quark Print Collection, and Quark XPert Tools.
- Manage an engineering team of 230 engineering managers and engineers; 42 in Denver, Colorado and 188 in Chandigarh, India.
- Implemented new Project Life Cycle (PLC) and agile development models for project development. Projects became predictable and on schedule using the PLC.

Adobe Systems, Incorporated - Seattle Washington 1997 - 2005

Senior Engineering Manager, InDesign 3.0

- Led the engineering development team for the 3.0 release of InDesign, Adobe's multi-million dollar next generation publishing system for Macintosh and Windows. InDesign is one of Adobe's top flagship products and a centerpiece of the Creative Pro product.
- Managed a team of over 50 engineers in the design, development, and delivery of InDesign 3.0 through well-defined milestones and project objectives.
- Successfully achieved all project schedule delivery dates and project life-cycle milestones.
- Implemented extreme programming techniques to improve development processes for greater reliability, stability, and predictability. Used a system of improved automated build process, detailed daily bug analysis and automated performance benchmarks.
- Presented product demonstrations, product vision briefs, and technical information to executive staff.
- Supervised architectural and feature design meetings.

Engineering Manager, InDesign 2.0 / InDesign 2.0 Japanese

- Co-managed the development of the Roman and Japanese language versions of InDesign 2.0.
- Coordinated development teams in India, France, Japan and domestic U.S. locations.
- Implemented an automated bug metrics tracking system that provided daily information for the project.
- Coordinated the simultaneous release of the Japanese and US English versions of InDesign.

Engineering Manager, InDesign 1.0 Japanese

- Recruited and managed a team of engineers to develop the Japanese version of InDesign 1.0. The project encompassed defining and implementing high-end, professional typographic features unique to Japanese publishing.
- Coordinated development teams in India, France, Japan and domestic U.S. locations.

Quark, Incorporated - Denver, Colorado 1991 - 1996**R&D Engineering Manager, East Asian Applications**

- Responsibilities included recruiting, training and leading the engineering team.
- Provided technical assistance and guidance for internationalization and localization for all Quark software development.
- Released the initial versions of Simplified and Traditional Chinese QuarkXPress.
- Macintosh OS, Windows 95, C/C++, SourceSafe, CodeWarrior, Visual C++

Software Development Engineer

- Worked on the team developing the Japanese and Korean versions of QuarkXPress 3.1 for the Macintosh.
- Macintosh OS, C, Think C IDE, Metrowerks CodeWarrior IDE.

ADDITIONAL TECHNICAL SKILLS

Additional technologies studied and researched but not directly reflected in work experience:

- Xcode, Swift, Objective-C, Git, SQL, LINQ, XML, Python, JavaScript, HTML, XSLT, CSS

EDUCATION

Bachelor of Science in Applied Mathematics

University of Colorado, Denver, Colorado.