

Christopher Robison

Award-winning technology leader



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About

Skilled technology leader excelling in the rapid development of solutions to manage complex technical environments for growing companies, ranging from startups to billion dollar industry leaders. With over 20 years experience in the industry, I can build, develop and lead high-performance technical teams and effectively manage people and resources in-person and remotely across multiple geographic locations. My extensive experience allows me to leverage my business acumen and technical expertise to translate a technology needs into innovative solutions and actionable plans. Hands-on but I know how to delegate. I am just as comfortable managing people and engineering resources as I am hacking away at code. tl;dr: I build things that make companies go.

WORK EXPERIENCE

Chief Technology Officer at D. Harris Tours, Inc., San Francisco, CA

February 2020 - December 2020

- Automated notifications for trips, bus maintenance
- Automated billing and invoicing
- Migrated driver logs to digital format
- Increased daily revenue with better trip optimization

Manager, Software Engineering at Conversant, Inc. (formerly Mediaplex), San Francisco, CA

July 2010 - February 2020

- Contributed to IAB MRAID 2.0 standard
- Implemented MRAID SDK's on iOS and Android platforms
- Developed and deployed mobile ad solutions for multiple platforms.
- Designed and deployed 'Rich Media' ad delivery and reporting infrastructure.
- Architected and deployed RESTful API for ad serving, tracking metrics and reporting.
- Developed client-side Javascript 'ad controller' for mobile and web
- Developed flexible metrics tracking with non-blocking endpoints
- 10 years

Web Architect at Mindjet, San Francisco, CA

September 2007 - July 2010

CEO / Founder at Simple Software, Inc., San Francisco, CA

April 2006 - September 2007

- GC Homes - Contractor documents and blueprints online. [<http://gch-dev.netoasis.net/app/>]
- Bay Docs - Document preparation services and tools for generating documentation for reverse mortgages
- Lender Tool: <http://bay-dev.netoasis.net/lenders.php>
- Form Definition Tool: <http://bay-dev.netoasis.net/fields.php?id=50>
- HUD Calculator - calculates potential reverse mortgage values: <http://bay-dev.netoasis.net/HUD/calc.html>
- DB Tool: <http://bay-dev.netoasis.net/admin/dbedit/>
- Tzero Technology - Customized content management system <http://www.tzerotech.com/site/>

- TZero Technology CMS: <http://tzero-dev.netoasis.net/>
- Metrika - Customized content management system <http://www.metrika.com/site/>
- Metrika CMS: <http://met-dev.netoasis.net/>

VP Engineering at Genetic Savings & Clone, Sausalito, CA

June 2004 - April 2006

- Cloned a cat and delivered it to customer
- Clonesoft - Architected and implemented web-based business process application that was used to manage the animal gene banking and feline cloning business.
- CatBank - <http://www.catbank.org/> Designed and developed database driven feline DNA identification website. Back-end requirements included integration with various genetic analysis hardware including the Applied Biosystem Genetic Analyser 3130
- Integration of genetic analysis hardware
- Retro vs. Metro - <http://www.retrovsmetro.org/> Implemented all backend code for this online companion website to the New York Time's bestseller: Retro vs. Metro - The Great Political Divide in America. Required access and aggregation of various data items scattered across the Internet (such as the Iraq war dead count and real-time government deficit counter)

Technical Director at Inter@ctivate, Inc., San Diego, CA

December 2001 - June 2004

- Designed and architected network infrastructure using both Windows servers and various legacy Unix boxes. Built out server clusters and managed a farm of over 60 machines including a SAN.
- Designed and implemented web-based network management, monitoring & systems analysis tools
- Developed web-based tools for creation and maintenance of customer websites, DNS, and email services.
- Designed and developed email marketing application using 3 tier architecture and XML and XSLT for transporting and rendering email messages and associated web pages. As of December, 2003, the Activatemail system sends and tracks over 1,000,000 requested messages per day between 89 clients including Sunkist Growers, The California Avocado Commission, San Diego Zoo and many more.
- Setup automated development environment which allows Interactivate developers to create their own dedicated web sandboxes via a web interface. Automated CVS checkouts and local network mounts to development sandboxes rounded out this implementation.
- Installation & administration of Solaris, FreeBSD & Windows NT in a heterogeneous environment
- Design, implementation, migration and maintenance for Interactivate's internal and external network infrastructure.
- Working with vendors, developers & 3rd party integrators.
- Maintain and monitor over 50 hosted client web sites and dozens of web applications
- Identifying & resolving network related problems
- Responsible for backup implementation and recovery strategy & procedures
- Required to support high volume access & availability characteristics as well as identifying & resolving system hardware & software problems
- Responsible for the full availability of DNS, SMTP, HTTP, POP & IMAP servers
- Maintaining security for all Interactivate networks

Software Architect / Technical Director at TheFinancialCafe.Com, San Francisco, CA

May 2000 - November 2001

- Designed and implemented web-based network management & systems analysis tools
- Required to support high volume access & availability characteristics as well as identifying & resolving system hardware & software problems
- Working with vendors, developers & 3rd party integrators.
- Installation & administration of Solaris, FreeBSD & Windows NT in a heterogeneous environment
- Installation & maintaining network equipment
- Responsible for the full availability of DNS, SMTP, HTTP, POP & IMAP servers
- Design, implementation, and maintenance for the companies internal and external network infrastructure.
- Extensive automation of administrative functions via shell scripting & Perl
- Responsible for backup implementation and recovery strategy & procedures
- DBA to a number of Mysql databases (one master, multiple slaves)
- Responsible for the seamless integration of multiple third-party application services into the company's website.

Senior Web Developer / Administrator at Food.Com, San Francisco, CA

March 1998 - May 2000

- Developed 'FUDGE', the 'Food.Com Ubiquitous Dining Guide Engine' which was used by thousands of restaurant reviewers to enter and maintain Food.Com's dining guide database.
- Setup of automated development environment using web-based tools
- Development of tools and utilities (both web based and command line) to automate development efforts
- Migration of code-base from Objective-C/WebObjects to Java

- Wrote and maintained various web-based backend tools for maintaining accounts and order information

Web Engineer at Slip.Net, San Francisco, CA

May 1996 – March 1998

- Built the Slip.Net Account Control Center which allowed customers to administrate their own accounts. Reduced support call volume by 50% the first week.
- Developed Slip.Net Signup Wizard that walked a customer through setting up a new account as well as register domain names and setup website services all handled automatically

Founder / Chief Developer at The NetOASIS Software Co., San Francisco, CA

May 1995 – May 1996

- Clients included: Symantec, King Media, The Exploratorium and The Astronomical Society of the Pacific

Web Developer / Systems Administrator at True World Access, Inc., Los Angeles, CA

January 1994 – May 1995

PROJECTS

SKILLS

Programming Languages

Javascript [node.js]

Javascript [browser]

C

C++

Java

Kotlin

Objective-C

Swift

PHP

Python

Perl

Go

C#

Bash

Leadership

Strategic Planning

Team Building

Team Leadership

Procedure Development

Process Improvement

Product Development

Entrepreneurship

Budgeting / Financial Planning

Software Engineering

Best Practices

Entrepreneurship

Software Development

Microservices Architecture

Scrum / Agile

Mobile Application Development

Cloud Services

Service Integration

EDUCATION

City College of San Francisco

2009 - 2010

California State University-Chico

1988 - 1991

Butte College

1988 - 1990

Paradise High School

1984 - 1988