

Christopher Robison, Full Stack Expertise Meets Effective Engineering Leadership

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SUMMARY

Whether it's leading a team of programmers, rapidly developing a new app, or aligning software development with strategic business objectives, I bring a blend of technical know-how, leadership skills, and business acumen to every project. I am looking forward to collaborating with you to turn your innovative ideas into reality. I have extensive experience in software engineering and leading groups of unruly programmers. Skilled in a wide range of programming languages, including JavaScript, C, C++, Java, Python, Swift, Kotlin and others. I have a proven track record of successfully leading teams, delivering finished product and driving strategic planning, process improvement, and product development initiatives. Recognized for implementing innovative solutions and modernizing systems to support business growth, as evidenced by transforming D. Harris Tours' operations, resulting in a fleet expansion from 2 to 12 buses. Strong expertise in microservices architecture, Agile methodologies, and cloud services. Committed to continuous learning and staying updated with emerging technologies. A collaborative and proactive problem-solver with a passion for delivering exceptional results. I could go on but I'm afraid I've said too much already 😊

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

EXPERIENCE

D. Harris Tours, Inc.

CTO

<https://dharristours.com/>

Jan 2020 — Nov 2023

- Spearheaded technological transformation and business processes that allowed D Harris to grow from a fleet of two buses to 12 buses.
- Updated and enhanced the company's systems with modern tools to better manage the growing business, including real-time bus data, automated maintenance notifications, and automated trip confirmations and notifications via email and SMS.
- Implemented route optimization algorithm to identify opportunities for one bus to handle multiple trips, increasing their daily revenue by 30%.
- Implemented automated notifications for trips, bus maintenance, and billing and invoicing.
- Automated notifications for trips, bus maintenance
- Automated billing and invoicing
- Migrated driver logs to digital format
- Increased daily revenue with better trip optimization

Conversant, Inc.

Manager, Software Engineering

<https://conversantmedia.com>

Jun 2010 — Jan 2020

- Designed, developed, and maintained the infrastructure and code-base that served many millions of mobile and rich media ads each day. Led the Rich Media effort and helped modernize the ad serving infrastructure and metric collection. Designed and implemented a RESTful API for serving rich media ads and built out scalable backend services to handle integration with existing servers and infrastructure.
- 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

Mindjet

Web Architect

<https://www.mindjet.com>

Aug 2007 — Jun 2010

- Led Mindjet's initial Software as a Service (SaaS) product, Mindjet Catalyst. Transformed Mindjet's business model with the new service nearly doubling monthly revenue.
- Ported PHP website to ASP.NET
- Ported Catalyst Flash client to standards based HTML5/canvas
- Architected and led the team that implemented Mindjet Catalyst

Simple Software, Inc.

CEO / Founder

<http://simplesoftwaref.com>

Mar 2006 — Aug 2007

- Mr. Robison provided contracted software development and consulting, developed the Simple Software Application Platform that provided content management systems and business process management applications to small to mid-sized businesses.
- GC Homes - Contractor documents and blueprints online.
- Bay Docs - Document preparation services and tools for generating documentation for reverse mortgages
- HUD Calculator - calculates potential reverse mortgage values
- Tzero Technology - Custom content management system
- Metrika - Custom content management system

Genetic Savings & Clone VP Engineering

May 2004 — Mar 2006

- Genetic Savings & Clone was a genetic services company that offered commercial banking of genetic material as well as cloning services for cats. Responsible for architecting, developing and deploying Clonesoft, a bespoke business process automation software that ran every aspect of the company including employee and customer management, order tracking, tracking clone

