Christopher R. Marrs

Sr. Analyst/Developer

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Experienced application development professional specializing in creating mission critical applications for internal business processes as well as customer facing solutions. Combining a deep technical knowledge of imbedded, mobile, and web-based applications with an understanding of business and user needs.

Skills & Expertise

- System Architecture
- Database Design
- Survivability and Recovery
- Project Management

- JavaScript, TypeScript, Objective-C, Swift, Java, C++, C
- Native, web-app and responsive design development, iOS, Android Apps
- SQL/MySQL/Access

- Angular5, React, jQuery, HTML5, CSS
- IIS, Apache
- PHP, ColdFusion, Node.js, Perl, Python
- Git

Professional Experience

Enviro-Master of Minneapolis | Minneapolis, MN

Sr Analyst/Developer, (2015 – Present)

Designed and developed service routing and route management mobile and web apps. Due to enhanced efficiencies, this customer was able to reduce their service staff by 15%.

- Native IOS and Android Apps – ColdFusion, Node.js & Express, Objective – C, Swift, Java,
- Responsive web design customer portal – ColdFusion, FW/1, HTML5, Sass, JavaScript, then Node.js & Express, Angular 5
- Responsive web design owner dashboard – PHP, HTML5, CSS, JavaScript, then Node.js & Express, Angular 5
- Lead Developer and Designer
- Provide progress reports to management and other affected stakeholders
- Coding, Compiling, Unit testing, integration, packaging and deployment of developed software
- Collaborate to form firm view of quality metrics and expectations for the delivery
- Developed Proof-of-Concepts and cutting-edge features before they were integrated into the product
- **Sales Engineer for meetings and presentations with Franchisor**

Echo Ranch LLC | Denver, CO

Sr Analyst/Lead Developer/Tech Doc Consultant, (2014 – 2017)

Designed and developed mobile-app and web-based claim tracking, cost management, and fraud prevention tools for the catastrophic insurance industry. The client received 27 patents for these tools. Wrote the technical elements of all patents.

- IOS and Android Apps – ColdFusion, Objective – C, Java
- Responsive web design customer portal - ColdFusion, HTML5, CSS, JavaScript, React, then Node.js & Express, Angular 5
- Responsive web design owner dashboard - ColdFusion, HTML5, CSS, JavaScript, React, then Node.js & Express, Angular 5
- **Lead designer**
- **Lead developer**
- Wrote technical documentation for Patents
- **Developed Proof-of-Concept for investor rounds**
- **Ongoing consulting through the patent process**
- **Sales Engineer for meetings and presentations with investors and industry heavyweights**

Solutions@Work, Inc | Minneapolis, MN

Sr Analyst/Developer, Owner (1996 –Present)

Developer and designer specializing in developing web-based customer applications with a corporate backend and a customer facing frontend. Encompassing all aspects of database architecture, networking, security, survivability, recovery, performance, and user experience.

- Native IOS and Android Apps – ColdFusion, Node.js & Express, Objective – C, Swift, Java,
- Static and Responsive web design – ColdFusion, FW/1, HTML5, Sass, JavaScript, Node.js & Express, Angular 5, C#, .NET, .ASP, Forms, WPF
- Lead Technologist responsible for directing the discussion on technology direction including platform selection, tool selection, methodology and implementation
- Lead Designer on most new projects
- Lead Developer for Version 1 of the projects
- Lead and managed teams of developers, testers, documentation, and support, teams comprised of staff and contractors
- Developed, on spec, an iOS app that shaped and directed well bores for the horizontal engineering industry, sold to major drill manufacturer
- Developed and managed projects for inventory control and disposal tracking of materials for the used-appliance recycling industry
- Responsible for compliance with the various federal, state, and local governments and regulatory agencies in the recycling industry
- Developed and managed projects to develop Point-of-Sale systems for second-hand retailers, multiple franchises
- Maintained various legacy systems for multiple customers
- Trained and managed beginner programmers, having mentored sixteen new developers
- Served as the company's spokesperson, participating in industry panels, providing interviews, and executing events

Pilgrim One: Prominence | Minneapolis, MN

Author (2017)

Developed and wrote my first book. It was something that had been on my list of to-dos for some time. I spent the year writing it and getting it through the editing process. Published in October. It is part-one of a trilogy, so more to come.

- Book is available on Amazon.

Education

Electrical Engineering, Computer Science | Casper College | Casper, WY
Aeronautical Engineering | Rensselaer Polytechnic Institute | Troy, NY