

Contact

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Top Skills

Perl
Unix
Databases

Languages

English (Native or Bilingual)

Craig Treptow

Never stop learning!
Des Moines

Summary

I'm a developer with a background in administration(network, systems, databases). I work with Ruby on Rails primarily right now.

Lately, I've been digging into the automation, performance, and observability of our apps. I recognized the wholes and started work to fill them in our environment. I prefer "backend" work and have built a few external APIs, as well as worked with our many internal APIs.

I enjoy learning new languages, tools, and techniques for the sake of learning, but also to see how they can be applied to our current situations. Lately, my focus has been around Functional Programming with strong type systems. I have looked at Elixir, Haskell, and now Scala. Scala is a good mix of OOP and FP and is enjoyable to work with so far.

I'm looking to continue working with languages that have strong typing....it's just nicer. ;)

Experience

Merchants Bonding Company

7 years 2 months

Sr. Application Developer

April 2019 - Present (2 years 10 months)

Des Moines, Iowa Area

Tech stack: Ruby, Rails, jRuby, Sinatra

Application Developer

December 2017 - April 2019 (1 year 5 months)

Des Moines, Iowa Area

Tech stack: Ruby, Rails, jRuby, Sinatra

Data Analytics and Web Developer

December 2014 - December 2017 (3 years 1 month)

Des Moines, Iowa Area

Tech stack: Ruby, Rails, BI tools

IMT Insurance

Senior Programmer Analyst

March 2012 - December 2014 (2 years 10 months)

Tech stack: Perl

- * Wrote script to generate HTML from POD in Perl files so developers could view it easily
- * Develop Perl based web applications
- * Educate on new techniques to improve the quality and reduce the time to develop our code.
- * Taught four internal classes on Perl and related web technologies to ten coworkers.
- * Gave two internal talks about testing with Test::More, POD, and very basic object oriented programming.
- * I have also become the "go to guy" and end up answering many questions from other developers.

Principal Financial Group

12 years 5 months

IT Application Analyst - Lead

October 2010 - March 2012 (1 year 6 months)

Tech stack: Perl

- * Built software for use in the TeamSite product using Perl.
- * Designed and directed the implementation of clustered server solutions for TeamSite and OpenDeploy, which had never been done before at the company.
- * Trained coworkers on various technical aspects surrounding TeamSite, OpenDeploy, Windows, and Perl technologies.

IT Systems Analyst - Senior

March 2008 - October 2010 (2 years 8 months)

Des Moines, Iowa Area

Tech stack: Perl

- * Diagnosed and corrected many workflow, CGI, and utility programming errors.
- * Developed and modify TeamSite workflow and CGI programs using Perl.
- * Develop programming standards and techniques for our Perl programs.
- * Developed servlets in Java that utilize JSP pages and Javascript for TeamSite customizations.
- * Supported TeamSite content management system and the related Open Deploy.
- * Developed and implemented TeamSite data store backup solution.

IT Network Analyst - Lead/Senior

November 1999 - March 2008 (8 years 5 months)

Des Moines, Iowa Area

- * Wrote Perl programs to help manage the routers and switches used in the network. Most of these used SNMP to gather information. I also wrote some to automate the DNS and DHCP updates that my team was responsible for.
- * Wrote regular expressions for use with NAS to check network device configurations for compliance.
- * Administrated and provided support of open source solutions: ISC BIND and DHCP and Cricket.
- * Implemented the NAS network device configuration tool on Windows to replace Ciscoworks 2000.
- * Implemented the Netview network management tool to replace Openview.
- * Administrated and provided primary support of network device remote console servers.

Equitable of Iowa

Senior/Advisory Systems Engineer

March 1997 - November 1999 (2 years 9 months)

Des Moines, Iowa Area

- * Wrote scripts in shell and Perl to help the DBA's manage the Oracle based databases.
- * Created an intranet using Apache and FrontPage98. Pieces were built using Perl, CGI, and Javascript for various form handling functions.
- * Supported IBM RS/6000 and SP2 systems.
- * Supported Informix and DB2 databases and the Lawson HR software running on the above hardware.
- * Helped plan and build the network infrastructure used in the newly constructed building.
- * Designed and implemented DHCP and DNS with Cisco's Network Registrar software.

Kirke-Van Orsdel

Systems Programmer

June 1996 - March 1997 (10 months)

Des Moines, Iowa Area

- * Supported multiple UNIX systems from HP, IBM, and Sun.
- * Supported Sybase and Informix database systems running on the above hardware.
- * Implemented a monitoring workstation utilizing syslog and Patrol software.

Principal Financial Group

Research Analyst, Info Analyst I/II

June 1993 - June 1996 (3 years 1 month)

Des Moines, Iowa Area

- * Researched and recommended the preferred UNIX, database, and development tool platforms for the company's emerging distributed platform.
- * Supported the Sybase database software running on IBM's RS/6000 AIX based platform.
- * Wrote shell scripts to customize application installations and support of the system.
- * Helped develop a portion of the Maestro II source code management system that utilized their proprietary PROLAN II language.

Education

Wartburg College

B.A., Computer Science · (1989 - 1993)

CodeSchool.com

HTML, CSS, Ruby · (2014 - 2014)