

Jeremy Hauschildt

SITE RELIABILITY ENGINEER, PROGRAMMER AND FORMER DBA

Oakland, California

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Education

California State University, Chico

B.SC. IN COMPUTER SCIENCE

2006-08 — 2011-05

Skills

Languages JavaScript, Python, Perl, TypeScript, PHP, TCL, Bash scripting, HTML / CSS, Java, C#

Databases SQL / T-SQL, Query Tuning, Performance Tuning, Sybase ASE, MySQL

Frameworks Angular (1.X and 2+), Flask / Pyramid, JQuery, NodeJS

Miscellaneous Linux (Red Hat, Ubuntu, Gentoo), UNIX (Solaris), Windows, Git, Perforce, Vim, Eclipse, Atom

Interested in Working With or Learning Elixir / Phoenix, Elm, Python, PostgreSQL

Experience

LinkedIn

SENIOR SITE RELIABILITY ENGINEER

2019-01 — Present

Fidessa

DATABASE ADMINISTRATOR

2014-05 — 2019-01

- Re-architected a report generation system so that it would automatically and intelligently balance load across available nodes in parallel
- Improved the failover system of various products as they related to the underlying Sybase database so that systems could automatically fail over in the event of a database related disaster
- Designed and implemented a system to keep track of database ownership information, email potentially affected users/groups and display important server/database information at a glance. Written in PHP, JavaScript, SQLite/MySQL and Angular 1.x.
- Wrote several web based visualizations to track stored procedure performance and report generation statistics
- Created new monitoring processes and maintained/improved existing ones that were mostly written in TCL and Perl
- Maintained and improved a web application that automatically built and loaded databases on an ad-hoc basis. Written in Perl, PHP, JavaScript.
- Investigated the performance of databases, queries and various stored procedures used by Fidessa products
- Reverse engineered and rewrote a C#/VisualBasic executable whose source code had been lost, designed to generate reports using the CrystalReports SDK
- Responsible for being on-call for one week (24/7) every three weeks to handle emergencies or off-hour issues

Fidessa

OPERATIONS

2011-06 — 2014-06

- Designed and implemented a system for sending out and keeping track of advisories to our clients using PHP, JavaScript, HTML, CSS and MySQL
- Wrote Perl scripts to check and automatically correct user access rights to our customer's hosted systems
- Responsible for rolling out changes for US customers while ensuring system stability
- Supported the data management and financial instrument portions of the product as part of the second line support team
- Investigated issues with report stored procedures when there were problems with either the logic or data of a compliance report
- Worked frequently with TCL, Perl, PHP, SQL (Sybase ASE / T-SQL)

AWR

SOFTWARE ENGINEERING INTERNSHIP

2008-04 — 2008-08

- Wrote python scripts to track down and visualize various aspects of how the product was used or misused

Extracurricular Activity

CONTINUING EDUCATION

2011-01 — Present

- Coursera: Web Design, Algorithms and Data Structures specialization (in progress)
- Udacity: Grow with Google Challenge Scholarship: Mobile Web, Data Structures & Algorithms in Python
- Kepner Tregoe Problem Solving Decision Making
- EDB553 Performance and Tuning: Configuring Adaptive Server Enterprise 15.7

Honors & Awards

DOMESTIC

2006-03 **Eagle Scout**, Boy Scouts of America