Zachary Betz

Software Developer & Tester

Contact

Website: https://zwbetz.com
Email: zwbetz@gmail.com
Phone: 225-978-4949

Work

Freelance

2016-02 — Present

Developed desktop apps for a local petroleum transport company via C#/WinForms.
Company accountant used apps to import timesheet spreadsheets into QuickBooks, and export payroll spreadsheets.

Systems Analyst at Geocent, LLC

2016-02 — Present

Developed extensive functional/accessibility test suites via NightwatchJS.
Created general development documentation via MkDocs that is used across USCIS.
Wrote a Jaspersoft Server reports test framework via Bash/cURL.
Maintained clear, concise project documentation.
Wrote a diffing tool for AWS DMS to monitor the data replication of billions of records via SQL/Bash/sqlplus/psql.

Applications Consultant at Capgemini

2015-06 — 2016-02

Authored the documentation for migration of apps/databases from Solaris/WebLogic app servers to Linux/JBOSS.
Supported a real-time dashboard app which displayed generation/demand data to wholesale energy traders.
Gathered requirements, designed, developed, and tested a Windows Forms/SQL Server proof-of-concept solution to manage boiler tube welds within plants. Used SSRS for reporting.
Automated the deployment of a Maximo app using Rundeck. Reduced deployment time from 3 hrs to 40 mins.
Engaged in tri-weekly calls with offshore India team to discuss project status and debug app/database/infrastructure issues.

Developer Intern at Framework IT Solutions

2014-05 — 2015-05

Led the API conversion of a sports society iPhone app from iOS 6 to iOS 7/8.
Developed various construction equipment/sales rep reports using SSRS for a major equipment services client.

Created stored procedures for data dumps, to be run on a nightly basis.

Data Intern at Louisiana Highway Safety Research Group

2013-08 — 2014-05

Used Splunk to monitor the network for low traffic points so that the database backups would run at those times.
Transitioned annual LA Crash Data Fact Book compilation from manual Excel process to automated, parameterized SSRS reports.

Lead Student Computer Technician at Louisiana State University

2011-08 — 2013-05

Troubleshot LSU's wireless network and made requests for additional access points to be installed in low-coverage areas.
Trained new employees on helpdesk processes and maintained knowledge management wiki.
Repaired and maintained staff/student/lab computers and print servers.
Created and distributed system images using Symantec Ghost.

Retirement Benefits Analyst at Louisiana State Employees' Retirement System

2011-05 — 2011-08

Analyzed Retirement Documents and Letters for correct criteria.
Managed work baskets for Change of Address, Beneficiaries, Drop Accounts, Repayment of Refunds, and Refunds.

System Builder at DETEL Computer Solutions

2008-05 — 2010-08

Custom built over 600 desktop and laptop computers.
Assembled and installed SMART boards for various Louisiana schools.

Education

Louisiana State University

2011 — 2015

Information Systems and Decision Sciences, Bachelor

Skills

HTML
CSS
JavaScript
SQL
SchemaSpy
Shell

Bash
Hugo
Selenium
NodeJS
NPM
NightwatchJS
Cucumber
Java
Jaspersoft
C#
SSRS
Docker
Docker Compose
Technical Writing
Customer Service

Certifications

DHS Section 508 Trusted Tester v4, 2018

Awards

Top 3 contributor to Hugo's Support Forum, 2019

Writing Samples

Make a Hugo blog from scratch, https://zwbetz.com/make-a-hugo-blog-from-scratch/

Profiles

@zwbetz-gh on GitHub
@zwbetz on Hugo's Support Forum