

Zachary Betz

Software Developer & Tester

Contact

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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 Selenium/Java.
- 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

- Troubleshooted 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

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/>

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