

TIMOTHY SNYDER

TIM@TJSNYDER.COM

SUMMARY OF QUALIFICATIONS

A software engineer with 3 years of full – time work experience, specializing in the coordination, communication, and support of enterprise application development

EDUCATION

Bachelor of Science (B.S.), Computer Engineering
Kettering University

- Cumulative GPA: 3.65

Graduated December 2008
Flint, MI

WORK EXPERIENCE

Software Engineer

RL Polk

October 2010 – Present

Southfield, MI

- Core contributor of an in-house Flex and Java framework utilized by multiple teams inside Polk.
- Responsible for analyzing and developing task breakdowns, estimations, and requirement specifications.
- Primary developer in several projects including migrating legacy applications from Apache Struts and a major redesign of a core data analytics application.

Projects:

- Lead the migration of a legacy analytics reporting application with a development team of 2 people written in Flex and Java.
- Core developer in redesigning and reimplementing a major analytics and data intelligence application from Apache Struts to Flex and Java.

Associate Software Engineer

RL Polk

January 2009 – October 2010

Southfield, MI

- Participated in all steps of the development lifecycle from design to production releases as a primary developer and project manager with teams of 3 to 7 developers.
- Created a variety of applications using Adobe Flex, ActionScript, Java, JavaScript, JSP, and Python.
- Analyzed functional and technical requirements for new systems as well as maintained and supported current systems by working collaboratively with clients and solution partners.
- Wrote requirement specifications and systems documentation in support of new applications.
- Managed the onboarding and configuration of ad-hoc reporting software which included configuring the UI, assigning custom data sets to clients, and building custom geography for 10 different clients.

Projects:

- Created an ad-hoc query reporting tool using the Agile development process with support for thematically shaded maps and custom geography using Flex, Java, JSP, Python, and JavaScript.
- Lead a development team of 2 in porting the North American query reporting software to the China deployment environment using Flex, Java, JSP, Python, and JavaScript.
- Produced an integrated user management and software administration tool for automotive and media client administrators using Flex and Java.
- Developed a configurable time period control to select current absolute dates and output the relative dates for use in an in-house flex framework using Flex and Java.
- Created a preview component to view and select a desired report template using Flex and Java.
- Constructed and maintained several jsp pages for use as a user software options page that was integrated into Oracle Portal based report management system using JSP, Java, and JavaScript.
- Developed server side functionality, including XML parsing and Oracle data utility classes using Java.
- Built deployment scripts/utilities in Java and Python to aid in monthly data loads and production deployments.
- Wrote dynamic business intelligence reports utilizing Oracle BI Publisher.

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Web Developer/Software Engineer, Co – Op Stephen Computer Services

January 2005 – December 2008
Walled Lake, MI

- Provided software engineer and web development support in the design, development, integration, and implementation of software applications in a complex business environment with multiple, ongoing related software integration initiatives.
- Researched development platforms while taking into account support, scalability, and limited time.

Projects:

- Managed the first complete development cycle of a dynamic web application managing all research, design, and implementation of a new product using LAMP, CodeIgniter, JQuery, and JavaScript.
- Developed new features in Visual Basic for a statistical process control application, DataLyzr Spectrum.
- Added functionality to DataLyzr Spectrum to generate reports of statistical data in XHTML, PDF, and other formats using Visual Basic.
- Developed modular database designs and worked on improving database efficiency throughout all software packages, which increased report processing time significantly for large databases.
- Created PL/SQL and MS SQL deployment scripts for software application installations and upgrades.

Software Test Engineer, Co – Op Stephen Computer Services

January 2004 – January 2005
Walled Lake, MI

- Performed testing for defects against customer requirements before a new version was released to distributors.
- Analyzed business requirements and technical specification documents detailing program functionality and testing procedures.
- Developed test plans, test matrices and test cases for abstract areas of technical requirements.
- Created and executed exhaustive test plans, measuring and benchmarking services and site performance.
- Troubleshoot and pinpointed defects and performance issues at the application, services and database layers.
- Evaluated existing test plan coverage and recommended improvements during daily meetings.
- Created and analyzed reports relating to performance benchmarking, test plan status, and site usage statistics in order to clearly articulate and communicate project-testing status to upper management.
- Contributed to analysis and improvement of software development life-cycle processes by identifying and documenting all defects.

Projects:

- Configured and thoroughly documented the installation procedures of multiple versions of MS Access, MS SQL, and Oracle to work with legacy software.
- Created and maintained an imaging backup system for multiple computer platforms to enable efficient testing of different software configurations utilizing Windows Virtual PC and Norton Ghost.
- Maintained and improved the software version database by developing reports and adding new features that increased the documentation of bugs using MS Access and MySQL.
- Created and maintained automated software testing scripts that decreased the required testing time and increased the chances of finding critical bugs before a software release using AutoIt.

TECHNICAL SKILLS

- **Languages:** Java, ActionScript, Adobe Flex, C, JavaScript, Python, PHP
- **Database Software:** Oracle, Microsoft SQL Server, Microsoft Access, MySQL
- **Frameworks:** CodeIgniter, JQuery, Django
- **Platforms:** Ubuntu, Redhat, Microsoft Windows XP, Microsoft Windows 7