

# Zack Shank

[zackshank.github.io](http://zackshank.github.io)

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## Skills

**Languages:** Groovy, Java, Android, JavaScript/jQuery, HTML/CSS, Apex, Objective-C, SQL, Python, PHP, C#

**Database Tools:** GORM, MongoDB, MySQL, Microsoft SQL Server, SQLite

**Web Server Tools:** Grails, REST, Mule ESB, Ratpack, Apache Tomcat

**Front End Tools:** Bootstrap, MS Access, .NET

**Tools:** IntelliJ, Eclipse, Spring Tool Suite, Android Studio

**Other:** Unix/Linux, Git, Subversion, GIMP, MS Office

## Education

Bachelor of Computer Science, Shippensburg University – 2013

## Professional Summary

A motivated software developer with professional experience and a background that includes:

- Developing numerous applications which utilize a wide variety of languages and tools
- Working with industry leaders such as The Hershey Company, Deloitte, The Manitowoc Company, and the United States Coast Guard Operations Systems Center to build brand new applications utilized by numerous employees
- Designing, Developing, and Publishing a multi-language Android Application on the Google Play Store which gained over 10,000 downloads with a rating of 4.6 out 5
- Through my education and work experience, I have gained expertise in object oriented programming and all of its practices.
- I have gained knowledge in building user-friendly applications so that people with minimal technical skills can successfully use the applications.
- All of my experiences have utilized different tools and languages. Through this, I have learned how to quickly and efficiently adapt to different environments.

## Work Experience

January 2014 -  
Present

The Hershey Company

**Software Developer, Web, Mobile and Integrations Development**

At The Hershey Company, I am a developer on the Web, Mobile and Integrations Development Team. I architect, design, and develop web and mobile applications that are used internally in the company.

- The main technologies that I utilize are mainly Java/Spring based with specializations in Groovy, Grails, Objective-C, Apex and Mule ESB.
- The web applications I develop are built with Grails. They need to be scalable and responsive as the applications are utilized by thousands of Hershey employees on

devices such as phones, tablets, and desktops. We use Bootstrap 3 to help support the responsive nature.

- I have also gained experience developing REST web services utilizing Mule ESB and Ratpack.
- All of our applications have a strong focus on UI/UX and I have been involved in helping create a new base for UI/UX in The Hershey Company.

July 2013 -

Deloitte Consulting LLP

December 2013

**Technology Consultant, Batch Operations, Developer (PHP)**

At Deloitte, I was Batch lead of a three person team. We monitored and maintained all batch files running on Unisys Mainframes at the Department of Public Welfare in Harrisburg, PA.

- My primary tasks involved communicating with several applications teams to properly maintain thousands of batch files. I also monitored the mainframe and provided solutions to any issues that arise.
- The primary tools used were OpCon/xps and Attachmate Accessory Manager
- The work required a large scope since all money transactions for the DPW occur through batch files that we monitor. Our team communicated with numerous application teams as well as the DPW on a daily basis.
- Our team successfully assisted Deloitte and the Pennsylvania DPW with the Affordable Care Act deployment that went live on October 1, 2013. (Not to be confused with the Federal site)
- I also worked with a small development team of 5 people to build/maintain a PHP web application used by the Project Management Office.

June 2012 -

The Manitowoc Company

December 2012

**Intern, Applications Developer (.NET, SQL, Web)**

My summer/winter project at The Manitowoc Company was to build merge three separate databases and applications into one web application that is used by the factory workers.

- This project required me to communicate with numerous factory workers to design a web application that they could easily understand and use. The application would allow the workers to input serial numbers and other information for different parts of a crane in the database.
- The tools I utilized were Visual Studio, SQL Server 2008, and Microsoft Access. The languages I used were C#, SQL, Visual Basic, JavaScript, XHTML, and CSS.
- As previously mentioned, the application worker is used by many of the company's factory workers and is also used in France.
- This project required excellent communication skills so I could understand exactly what the factory workers needed for the application.

June 2011 -

United States Coast Guard Operations Systems Center

August 2011

**Intern, Applications Developer (Java, JSF, Web)**

My project at the USCG OSC was to develop a web application utilized by developers that would replace all command line interactions.

- This project required me to communicate with a team of developers at the USCG OSC to create a web application that would replace all of the command line interactions used by the developers.
- The tools I utilized were Eclipse, MySQL, Java Servlet Faces 2, Apache Tomcat, and Hibernate. The languages I used were Java, SQL, CSS, HTML, XHTML, and XML.
- This application was successfully deployed and is still being used and expanded by the development team.