

# David Phenicie Jr.

Full Stack Developer specializing in advanced data driven web and mobile applications - Passionate about writing clean & well-documented code  
-Proficient in SCRUM and Agile Development methodologies – Mastery PPC

## EXPERIENCE

### **Transportation Compliance Associates, Inc., Pittsburgh, PA** — *VP, Technical Architect*

May 2011 – PRESENT

Sole developer for small business that provides service to fortune 500 companies. Develop web applications and database systems to be used by large refineries, retailers, and manufactures to aid in the process of maintaining regulatory compliance. Projects include a 70+ million record database used to support Amazon.com as well as an automated web portal used by BP Oil in Europe. Achieved mastery skills in creating and maintaining AdWords PPC campaigns, which immediately reduced company costs, and increased income.

### **Geek Squad, Bethel Park — Supervisor**

Oct 2003 - May 2011

Oversaw technical department. Managed employee's performance. Performed staffing to meet needs of current trends. Developed plans to meet 2 day completion return rate. Worked closely with computer department manager to increase sales and service revenue

## EDUCATION

### **Western Governors University, Salt Lake City, UT — BA** *Software Development*

2015 – 2017

During my studies at WGU, I practiced SCRUM and Agile programming methodologies in regards to the developer as well as project management. Completing the project+ certification has provided me a deeper understanding of planning and implementing development projects. I received my JAVA OCA certification which supplied me great knowledge to object oriented programming as a whole.

### **Pittsburgh Technical Institute, Pittsburgh, PA — AS** *Network Administration*

July 2006 – Oct 2008

During my time at PTI my focus was on computer networking. I received

## TECHNICAL SKILLS

GIT Version Control  
Linux Bash  
VIM  
RESTful API  
Database Design  
Django + Bootstrap + jQuery  
SSL Certificates  
PDF Automation  
Web Scraping  
Advanced Web Applications  
AdWords PPC Advertising

## LANGUAGES

Python – Java – PHP – SQL –  
JavaScript – CSS3 – HTML5

## CERTIFICATIONS

Oracle Certified Associate,  
JAVA SE 8

CIW JavaScript Specialist

CompTIA A+

CompTIA Network +

CompTIA Security +

COMPTIA Project +

CIW Web Foundations  
Associate

MTA Windows Operating  
System Fundamentals

Google AdWords Search  
Advertising

training on programming managed cisco switches as well as installing and configuring large scale software infrastructures.

## PROJECTS

### **hazMAXOnline.com — Complete Compliance Portal**

Python – Django – MySQL – Apache – REST

A full service compliance portal with thousands of users. hazMAX was developed with Python and Django Framework. The portal houses e-learning training curriculum, training records, 3rd party carrier management tools, question & answer support, product database and document automation. The portal relies heavily on consuming and providing a RESTful framework. hazMAX also contains a custom Ecommerce platform to collect payments for online trainings.

### **LearnHazmat.com — Website Overhaul and E-commerce**

PHP – Drupal – jQuery – AdWords

LearnHazmat.com is a company website redesigned to be a responsive site. During the redesign process I focused heavily on on-page SEO techniques as well as cross device visibility. I interacted with the templating backend to create customized, how converting templates. I also developed customized drupal modules to increase user interaction. Finally I took over the AdWords PPC campaign from a third party provider. After my first full month with the campaign I drastically reduced the average cost per click, and increased the number of impressions and click through rate.

### **Product Classification Database — 70+ Million Records + Automation**

MySQL – Stored Procedures – VBScript

Developed from scratch a complete and highly automated process to consume flat files from AWS S3 on a scheduled time interval. All data from S3 was verified, and loaded into a multi level database. Smaller internal files were produced and templated with business logic in place. Employees added meta data to internal files and returned completed data. Upon completion of the internal files the system verified data, imported clean data, and rejected dirty data. Finished data set is returned back to S3 buckets.

### **Employee Expenses App — Web application**

PHP – JavaScript / jQuery – MySQL – HTML – CSS

I was hired for a one time job for a large chemical company in West Virginia. The company used paper reports to record employee's expenses and track company car mileage. The employees needed to remember to email excel documents weekly. The company had office personel which

was tasked with combining the spreadsheets and building weekly/monthly reports. My project including building an online web application that replace the need for paper reports and repetitive weekly tasks. I was able to deliver a secure online web application that employees could log on to remotely and record their expenses. The website was built mobile friendly to allow employees to access the website on the road and report expenses as they were taking place. The website produces reports to management that directly mimic their existing reports. The website also included additional functionality to increase the productivity of the office personnel. Employees were able to flag their weekly reports as completed, or administration could mark the reports as locked after a certain time frame. The project was delivered promptly and the customer was very happy with the outcome. They continue to use the website today.

### **Complete Office Network — *New Business Setup***

Ethernet Wiring – Active Directory – Exchange Server – SQL Server

During the inception of Transportation Compliance Associates, Inc. I was involved and responsible for researching, purchasing, installing a complete small business network. This included ethernet wiring, managed switch configuration, access points, router / firewall configuration, workstations setup and upgrades, and server installation and configuration. I continue to maintain and upgrade this network today.