

# Keith W. Silliman

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**Profile:** I am a driven, flexible, and resourceful engineer, with a positive attitude who thrives in a small team environment. My professional experience in development, engineering and support has given me a more complete understanding of how to create a great product.

## Professional Experience

**Synapse Marketing Solutions - Lancaster, PA - June 2017 - November 2017**

### ***Back-end Developer***

- Setup, development, and maintenance of several WordPress marketing sites.
- Thorough experience with WooCommerce to build full featured e-commerce sites.
- Extensive use of PHP for custom solutions in the context of Wordpress.
- Lead role in developing coding standards/best practices for use by back-end team.

**Pipeline Interactive - Lebanon, PA - September 2016 - April 2017**

### ***Senior Developer***

- Lead development of several e-commerce sites based on the Magento platform.
- Lead development of informational web sites based on WordPress for high visibility clients.
- Spearheaded effort to implement automated GitHub-based version control system for Windows and Linux servers.
- Work as an integral part of a small team of designers and developers to create sites that are both beautiful and highly functional.

**EFC Systems - State College, PA - April 2015 to April 2016**

### ***Senior Developer***

- Lead development of integration with a 3rd party API using Node.js.
- Lead development of an internal Node.js API for use by internal and external stakeholders.
- Work with a team to implement new features and maintain existing codebase using Python, jQuery, and Javascript.

**Agrian - State College, PA - November 2013 to March 2015**

### ***Senior Developer***

- Lead design and development of several Logged Data converters for a wide variety of field controllers using C#/.NET, PostgreSQL, and PostGIS.
- Work with a team to design, implement, and maintain key components of a SoA architecture.
- Dedication to continuous improvement by learning new programming languages, tools, and technologies.

**Schoolwires, Inc. - State College, PA - April 2013 to November 2013**

### ***Advanced Support Engineer***

- Research, resolve, and record all levels of product questions from customers with an emphasis on complex technical and application questions, primarily with code and operation-related issues.
- Develop internal tools to aid in resolution of all levels of support cases using C#/.NET.
- Case research and resolution involving troubleshooting product code and database/server configurations.

**AgIntegrated, Inc. - State College, PA - July 2009 to February 2013**

### ***Developer***

- Development of several multi-tier web applications for use in Precision Agriculture, equipment/inventory tracking, and sales and invoicing using PHP on the back-end and JavaScript/HTML/CSS on the front end.

## Proficient in

- PHP
- JavaScript
- Node.js
- C#/.NET
- HTML/CSS
- Android
- jQuery
- AJAX
- REST APIs

## Experience with

- Python
- C
- Java
- Ruby on Rails
- PostGIS
- PostgreSQL
- XML

## Skills

- Ability to adapt to unfamiliar technologies/platforms quickly.
- Strong problem solving skills.
- Strong communication skills.

## Education

### **Tufts University**

Medford, Massachusetts  
B.S. in Computer Engineering

- Integral part in the development of several Android applications.
- Contribute to a positive team dynamic when utilizing the agile development methodology.
- Responsible for training new employees during a recent product transition.

**Valley Technologies, Inc. – State College, PA – March 2006 to May 2009**

***Software Engineer***

- Develop Windows applications for a high-profile international telecommunications customer.
- Analyze requirements and participate in software design activities as an individual and as part of a team.
- Implement software in C, C++, Java, and C#.NET
- Assist in the creation of documentation and test plans/procedures.