

James Lincoln  
Lawrenceville, Georgia 30046  
(478) 216-8665  
casper@casperwilkes.net

---

## CAREER PROFILE

---

I have almost a decade of experience programming and developing web applications. I am an extremely adaptable, driven, self-starting, and talented individual. I enjoy seeking out difficult problems and employing my skills and strengths to institute creative solutions when solving them. I use my available time investigating new technologies and learning to implement them in a variety of different situations. I am also comfortable developing in either Windows or Linux based systems.

---

## CODE PORTFOLIO

---

- StackOverflow - <http://stackoverflow.com/users/758554/casper-wilkes>
  - Github - <https://github.com/casperwilkes?tab=repositories>
  - Casperwilkes.net - <http://casperwilkes.net/resume#deliverables>
- 

## TECHNICAL SKILLS

---

### Languages and Frameworks

- *Proficient with:* Apache, Bootstrap, CSS, Compass, Composer, FuelPHP, HTML, jQuery, JavaScript, JsRender, Markdown, PHP, Regular Expressions, S3, SASS, SQL, Slim Framework, Smarty, Stibo Systems, SugarCRM, SuiteCRM, Twig, Vagrant, Wiki, XHTML, XML, YAML
- *Knowledge in:* .Net, ASP, AWS, Android SDK, Angular, Backbone, C#, CakePHP, CodeIgniter, Laravel, Node, Python, Ruby, SOAP, Symphony, Trac, Underscore, Yii

### Software

- *Proficient with:* Adobe CS/CC (including Acrobat, Dreamweaver, Illustrator, and Photoshop), Atom IDE, FileZilla, Freemind, FrogBugz, Git, Git Bash, Git Extensions, JetBrains (IDEA, PhpStorm, PyCharm), JetBrains PhpStorm, KReporter, Kdiff3, LAMP / WAMP (Linux / Windows, Apache, MySQL, PHP), LibreOffice, Microsoft Office Suite, Microsoft Visio, Microsoft Visual Studios, MySQL Workbench, NetBeans IDE, Notepad++, OpenOffice, Oracle VirtualBox, PHPMyAdmin, Postman, PuTTY, Slack, Sublime Text, SVN, Terminator, Trac, Trello, Visual Logic Pro, VYM, WIMP (Windows, IIS, MySQL, PHP), Wordpress
  - *Knowledge in:* Amazon Lumberyard, Android Studio, Bitwise SSH Server, Eclipse IDE, Freeplane, GIMP, IDLE, InkScape, MediaWiki, Microsoft SQL Server, Tmux, Unity
- 

## EXPERIENCE

---

### Software Engineer

July 2016 - Present

#### Base8 Technologies

Base8 Technologies is a new and upcoming startup that offers cloud based services to manage businesses and their delicate data. The company builds unique tools to client specifications to allow these clients to manage their data efficiently.

#### Responsibilities

- Work directly with clients and business analysts to understand requirements needed to build their software
- Work closely with client and inner office teams to create products to client specifications based on what they need
- Work independently and as a team to understand and build complex systems
- Understand how to work with, and write complementary code for SuiteCRM
- Work daily on, and with, virtual machines in different unix environments
- Constantly working to better develop and evolve standards across our platforms and as a team
- Work within the crm to build modules and add any customizations to modules on the backend

- Write independent code to work alongside, inside, and independently from the crm
- Rework and refactor previously written code mainly in PHP, Javascript, and Bootstrap
- Writing and maintaining documentation through our Trac Wiki.
- Lead the development and programming of an internal API + Schema from the ground up to connect all of our internal and external services
- Lead the development and programming of an internal highly customizable software suite to interface with the internal API and existing retiring frameworks

### **Senior PHP Developer**

**Dec 2015 – July 2016**

*Kellen Company – Atlanta, GA*

Kellen is a top ten Atlanta marketing communications agency and the world's second largest trade association. The company itself is divided into several different departments, including a digital department where I maintained a position.

#### **Responsibilities**

- Worked with a small team of developers on the development and deployment of various SouthStar Energy owned properties.
- Lead development as the main developer on the Refer-A-Friend program instituted by SouthStar for its subsidiaries.
- Lead development on rebuilding an online marking grid for promotion code tracking utilized by SouthStar call center representatives
- Began development of an upgraded and enhanced enrollment portal using the FuelPHP framework with an emphasis on clean, reusable code
- Performed database and server administrative duties
- worked with clients to understand and consult them on their needs
- Added industry best practice knowledge to project requirements
- Completed most of my development in a Windows IIS environment and successfully built a WIMP stack
- Wrote and maintained technical documentation and internal wiki

### **Software Engineer**

**March 2015 – Dec 2015**

*The Home Depot – Atlanta, GA*

The Home Depot is one of the largest home repair retail companies in the world. Maintaining that prominence comes with a lot of responsibility to, and high expectations by, the vendors, consumers, and employees of the company. A company of this magnitude comes with a lot of moving parts to make sure that every transaction inside and out moves as smoothly as possible. I am a member of the Item Data Management team. This team is responsible for ensuring that the vendor on boarding of products from initialization to production occurs as easily as possible for the end user. We are responsible for every transition a product makes through our system, including state checks, handling of hazardous material information, state and country checks, and the data quality and integrity coming into and leaving our databases.

#### **Responsibilities**

- Work directly with Stibo Systems platform by writing code that interacts directly with their API
- Design, develop, and test workflows from start to finish
- Responsible for transitioning the current codebase from a previous release of the internal system to a future release coming early next year
- Work successfully within the parameters of a black box system with little supporting documentation
- Met with directors, team leads, and project managers of various internal teams to gather feedback, construct solutions, and work as a team to implement the upgrades for the Item Data

Management team.

- Wrote and maintained precise technical documentation for internal and external use

### **Web Developer**

**Aug. 2014 – March 2015**

*Bluechip Athletic Solutions – Atlanta, GA*

BAS is one of the leaders in the development of college level recruiting technology. Their flagship software, Recruiting Radar, is used by NCAA facilities for college recruiting and record keeping purposes of perspective recruits. My primary responsibilities included building highly customized web applications that utilize JavaScript-based templates and provided users with real-time updating of information.

#### **Responsibilities**

- Directly worked with the CTO to take requirements and produce custom versions of our software that are tailored to each customer's needs using OO JavaScript, JsRender, JQuery/AJAX, HTML5, JSON, CSS3, and PHP5 on Linux based systems
- Assisted with code reviews and documentation planning meetings to emphasize code reusability and best object-oriented development practices
- Made enhancements to each client's software solution using JsRender, PHP, MySQL and JQuery, CSS as ongoing rules and regulations change in college athletic recruiting
- Enhanced workflow features for client forms using JavaScript, JQuery, and AJAX
- Rewrote questionnaire and submission system using JQuery, PHP, JavaScript, HTML and CSS
- Process developer support tickets supplied by the client base to make code updates and visual enhancements to each client's version of the application
- Often work directly with clients to help with customization process and explain features and procedures to use application
- Customized and assisted in creating new tiered offering of software: Radar Silver Elite
- Provide consultation to senior staff on variety of topics including implementation of new technology, procedures involving clientele, and user interface design and implementation
- Train client representatives on support and development practices
- Began implementing code, process, workflow, and support documentation

### **Web Developer / Software Tester**

**Oct. 2008 – Aug. 2014**

*Garda Cash Logistics – Macon, GA*

Garda CL is the world's largest cash management and logistics provider. They utilize an internal software system comprising of multiple web-based services linked into their database to provide clients with ability to track their currency and non-monetary assets during transit from site to site.

#### **Responsibilities**

- Worked with team of developers on their flagship software that tracked all financial assets on-site, off-site, and in-transit
- Assisted in developing web portion of application used by clients and staff on Windows systems
- Consulted with the development of the internal staff facing user interface and experience
- Discovered a very serious and potentially devastating security issue that we were able to successfully mitigate without a breach in security or loss of client data
- Assisted in implementation of hand-held scanners used to track asset information during transit
- Assisted in creating documentation for the system and hand held tracking procedures
- Consulted on custom MVC framework created in-house

**Web / Software Developer****Jan. 2008 – Present***Self-Employed*

I am self-educated in web technologies, information technology, programming languages, practices, principals, and theories. I have spent years collecting information on these subjects and learning to choose the proper implementation of each. I have also spent many years familiarizing myself with hardware architecture and implementations. I perform routine computer repairs, maintenance, updates, and upgrades.

**Responsibilities**

- Remain up to date on current technological trends and future directions
- Constantly continue education in web technologies and implementations

---

**PROJECTS**

---

- *Casperwilkes.net* (<http://casperwilkes.net>): An online portfolio
  - Sleek designed custom CMS free from third party solutions
  - Designed to display my previous experience and completed projects
- *PawTucket Inc* (<http://pawtucketinc.com>): An informational blog
  - All posts are original content
  - Created to share knowledge, experience, and inspiration to others new to development
- [D]Motivated (<http://dmotivated.com>): Humor Site
  - Community driven humor site
  - Now on version 2 (version 1 was homebrew, version 2 built using framework)
  - Image hosting built using AWS:S3
  - Image manipulation using ImageMagick
  - Built a unique Motivational poster generator
  - Built an image resizer
  - Built a system to dynamically generate RSS and sitemaps using XML during daily cron jobs