**JEFFERY BURROUGHS**

 (254) 651-9834 | [jburroughs@sparkimaginations.com](mailto:jburroughs@sparkimaginations.com) | <https://github.com/jixion> | http://linkedin.com/in/jixion



**MID-SENIOR SOFTWARE ENGINEER** with in-depth experience programming with JavaScript, Angular, AJAX, Node.js, Bootstrap, PHP, and HTML/CSS. Adept in web application design, implementation, and deployment. Consistently designs high quality applications and easy to maintain code. Exceptional communicator and positive team leader; consistently translates the benefits of soft skills to improve teamwork and productivity.

**EXPERTISE**

Javascript ES5 | HTML/CSS | Angular.js | Node.js | Grunt | Gulp | Bootstrap

Front-End Development | PHP | C# | Java | Spring | Consuming REST APIs

**PROFESSIONAL EXPERIENCE**

**SOFTWARE ENGINEER II |** AKAMAI TECHNOLOGIES, INC. **July 2015 – Present**

Akamai keeps digital experiences closer to users than anyone — and attacks and threats farther away.

* Contributing engineer on Xiphos-UI since project inception. Project uses Angular, Node, Grunt, HTML, CSS
* Assisted in design and implemented user interface for Xiphos 2.0 project
* Programming in HTML, CSS, PHP, for supporting SOCDash2/3
* Created, refined and maintained library of routing script templates for RAAP
* Refactor and update GUST using Angular, Node, Grunt, HTML, CSS, Bootstrap
* Create/maintain scripts and spin up documentation for development environments for Xiphos and GUST
* Decreased engineer spin up times by 25% for GUST by updating tooling, adding scripts, and creating documentation

**APPLICATION SOFTWARE ENGINEER|** AKAMAI TECHNOLOGIES, INC. **October 2014 – July 2015**

Akamai keeps digital experiences closer to users than anyone — and attacks and threats farther away.

* Contributing engineer on Xiphos-UI since project inception. Project uses Angular, Node, Grunt, HTML, CSS
* Programming in HTML, CSS, PHP, for supporting SOCDash2/3
* Created, refined and maintained library of routing script templates for RAAP

**IT PROGRAMMER AND DEVELOPER |** S2G - SUPPORT SERVICES GROUP, INC. **May 2014 – August 2014**

Support Services Group is a high-touch outsourcing partner offering specialized BPO solutions across various industries.

* Solve complex administration problems using Bash, Python, Expect, Cron, Mutt, Sed, and Grep.
* Maintain reporting frameworks using Bash scripting, Java, HTML, JSP and MySQL databases.
* Administer database system using MySQL, MySQL Workbench, SQL Scripting, and CLI of DB system.
* Reduced reporting times from about 4 hours a day to about 5 minutes with automation in Python script.
* Rewrite key PBX reporting SQL query, 9 hour query time reduced to 15 minutes. O(n3) query rewritten to O(n).

**QA / SOFTWARE ENGINEER |** RED LAMBDA, INC. **May 2011 - November 2013**

Creators of MetaGrid's next-generation technology that guards against digital threats.

* Designed and implemented web-based solutions to track and distribute employee product testing data. Completed web development using Linux, Apache 2, MySQL, and PHP.
* Developed product related ease of use scripts and software for dynamically updating artifacts repository, booting of grid infrastructure, and job creation using Java, PHP, MySQL, and Bash.
* Began development on web-based automated testing framework for reporting test cases/suites optimized across multiple hardware clusters with little to no human action using Perl, Bash, PHP, and MySQL

**SYSTEMS ADMINISTRATOR AND PROGRAMMER |** WYOMING ENERGY COUNCIL, INC. **April 2008 - December 2010**

Weatherization Assistance Program for Low Income Residents – Weatherizing homes in cities and surrounding areas.

* Developed/implemented an effective solution to track contract jobs using C#, ASP.NET, MSSQL, CSS, and HTML.
* Post-development, updated processes resulted in increased performance in reporting and lookups by 75%.

**CONTRACT SOFTWARE ENGINEER |** SNOWFLY, INC. **June 2010 - January 2011**

* Developed/implemented an effective solution to track employee rewards using Java, JSP, Spring MVC, Spring WebFlow, MSSQL, CSS, and HTML.

**CREDENTIALS**

**BACHELOR OF SCIENCE – COMPUTER SCIENCE** – University of Wyoming, Laramie, WY

**Member** – Association for Computing Machinery

**Capt/Member** – UW Collegiate Cyber Defense Competition Team

**President** - High Plains Student Chapter of ACM

**Charter President** – Wyoming Alpha Chapter of Upsilon Pi Epsilon

**Student Senator** – UW College of Engineering

**Computer Science Department Representative** – UW Engineering Fund for Enrichment

**VOLUNTEER** **WORK**

**Founding Member** – Waco Local User Group

**Grunt** – DEF CON 21/22 SkyTalks

**Information Booth Goon** – DEF CON 22

**Member** – 2013 NCCDC Orange Team

**Parties Dept Goon** – DEF CON 26

**Parties Dept Goon** – DEF CON 27