JEFFERY BURROUGHS

(254) 651-9834 | 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. $O(n^3)$ 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