BENJAMIN KNOX

(513) 658-0884 · bknox.contact@gmail.com · 6815 Grace Ave / Cincinnati, OH 45227

www.knox.pro · github.com/benjaminknox

Summary

Innovative, self-directed professional with a proven history of producing efficient outcomes in an effective and productive manner.

PROFESSIONAL EXPERIENCE

HANDY HOME GUYS WEBSITE - CONTRACT   **Jun 2017 – Present**
Software Developer

Developing the customer WordPress website, working closely with the customer in order to create a website for marketing their crews construction and landscaping services. Using WordPress, PHP, and JavaScript to satisfy customer requirements for presenting the companies capacity to serve their clients. Creating custom wordpress plugins for built in content management functionality.
- WordPress
- jQuery and JavaScript
- HTML
- Project Management
- Custom plugin and template development

RADIAL – FULL TIME   **Aug 2016 – Jun 2017**
Associate

Used Manhattan software as a service for managing customer orders. Used Microsoft Access Database for managing missing or short customer orders. Used Microsoft Excel in tandem with Oracle Database to create useful and dynamic spreadsheet applications. Worked as a warehouse associate fulfilling customer orders in a timely and efficient manner.

CLEARVOICE – FULL TIME   **Sep 2015 – Aug 2016**
Software Developer

Software Development role, primarily focused on implementing new features in the current code base. Product development using angularjs and Ruby on Rails. Experience working in a scrum environment in order to deliver features. The platform generated passive income and allowed interactions between publishers and writers.

- Developed with angularjs on the frontend
- Worked with jQuery
- Ruby on rails REST API
- Used Pivotal for project management
- SCRUM team

CLEARCALL SOLUTIONS - CONTRACT   **Feb 2015 – Aug 2015**
Software Developer

Software Development role, primarily focused on building reports for Business Intelligence in MySQL for Tableau Data Sets. Also maintained WordPress and static HTML websites, implementing google analytics and other google products for marketing purposes. Maintained and built C# applications that pulled data from SOAP API's and queued calls into ShoreTel ECC. Maintained a legacy PHP application used for reporting and interfacing with important company Data.

- Maintained WordPress Security
- Worked with WordPress Themes

CLEARCALL SOLUTIONS - CONTRACT CONTINUED   Feb 2015 – Aug 2015

- Solved problems with Legacy PHP and Laravel framework
- Created interfaces with HTML/CSS and Bootstrap
- Developed in a WIndows 7 environment
- Worked on applications in C#

DUNESPORT - CONTRACT   Feb 2014 – Aug 2014
Developer / DBA

Broad IT position with responsibilities ranging from web application development to network troubleshooting, entrusted with the maintenance of the customer database in MySQL, and the task of repairing a faulty inventory management system consisting of two separate systems needing to be merged. Updated a broken Lead Management System and maintained the SEO of a front-end website and created email campaigns in order to generate an increasing number leads for sales reps.

- Migrated website from an in-house server to a Rackspace cloud server, from Ubuntu 8.08 to Ubuntu Server 13.04
- Using MySQL Views to integrate two inventory management systems together into one system, allowing for deprecated code
- Began migration from Legacy codebase to Laravel MVC framework, initially utilizing the Laravel IoC inside legacy codebase
  Created multiple standalone AJAX mini applications for easier interface into degrading inventory management software
- Backed up codebase to a local in-house server, utilizing the GIT for source version control.
- Began implementing SEO best practices in order to improve rankings

SAIFE INC. - FULL TIME   Apr 2013 – Jan 2014
Developer

Focused position charged with developing web applications in a team environment, utilizing a variety of technologies to create applications, websites, and functionality according to customer specifications. Contributed to numerous projects in a rapid, Agile development environment. Worked primarily on the front-end of projects, including designing websites with multiple user interfaces. Implemented new applications that made code more readable and easier to write while creating a sturdier environment.

- Deployed Python Django webapp on Linux Debian and CentOS
- Used PostgreSQL, with Python Django framework built-in ORM
- Used Hibernate and PostgreSQL database migration scripts for managing database migrations
- Wrote unit tests in Python for Django webapp
- Developed document management portal presented to Intel Press intended to replace gotomeeting publication review process
- Aforementioned Document management system written with Python Django web framework
- Developed in the agile method with weekly scrum meetings
- Generated UML class, sequence, and use-case diagrams for the initial planning process
- Used jQuery and long polling for seamless multi-user feedback system
- Key contributor to user interface of device/client management web application
- Used Java Spring MVC Framework to create a HTTP REST API for MVCR Backbone.js (using JSON objects)
- Used Maven for building integration with vFabric for test development
- Used GIT for source version control and Gerrit for code reviews by senior engineers
- Used Spring Tool Suite (eclipse) for development with the Java Spring framework
- Used jQuery, Bootstrap, and LESS for responsive design to enable use of mobile devices and tablet
- Used HTML5 and CSS3 to create the most standard and cross-browser compatible software
- Wrote Watir-webdriver test cases for Quality Assurance

360 EDUCATION SOLUTIONS – FULL TIME   Feb 2012 – Apr 2013
Developer/DBA

Provided expertise and direction that guided the development of a single, complex project. Diagnosed technical issues, failures/errors and exposed vulnerabilities in current security system, then stabilized/resolved issues quickly and efficiently. Replaced the in-house email system with an outsourced solution producing a higher delivery rate and positively impacting the bottom-line. Led test development, selected a code editor, and set up the production server.

- Replaced in house email servers with a Python email server using an email service/relay to engage as many people as possible via email marketing campaigns
- The above software used Python smtplib to relay 700,000 emails a month through sendgrid.com
- Emails queried from a MySQL email database containing 8 million records; emails from an in house public sector website scraping tool
- Created a web utility using PHP, HTML, Bootstrap, and CSS to manage email campaigns sent in sendgrid
- Utilized sendgrid API for analytics; displayed useful information using jQuery Highcharts to create reports on email campaign status
- Routed email campaigns to landing pages to generate sales leads that could be sold to buyers
- Maintained in house web app for non-technical users. The App used AJAX with PHP, XHTML and CSS
- Migrated the in-house systemfrom a Windows, Apache, PHP, and MySQL box to a LAMP
- Created a multisite engine using PHP MVC CodeIgniter Framework for lead generation into a MySQL database

PROCERIUS, INC. - FULL TIME   2008 – 2012
Developer/DBA

Coordinated various website development jobs, overseeing all facets of website operations: design, development, updates/additions, and site management. Participated in a broad range of project-related tasks and carefully budgeted time to ensure all deadlines were met. Architected the database schema for website projects and programmed each website according to customer specifications. Concentrated on creating an appealing user interface with dynamically displayed information that was widely compatible.

- Used CentOS, MySQL, and Apache to deploy web application
- Led development efforts for squashCORE.com, a multi-media, athletic community website
- Used CodeIgniter to code the community for squash players to view videos of matches uploaded by a client system called SquashCORE
- Created a relational database with MySQL for the community website
- Developed in a LAMP environment remotely
- Embedded videos with jwplayer and enabled dynamic viewing rights for users, so the user can set privacy on a video
- Programmed jhrefund.com, a website that provided secure tax refund status information for Jackson Hewitt Tax Service customers
- Tax refund status web page using PHP, MySQL, and AJAX with jQuery. Paralleled a PBX system developed by Procerius Inc
- Used HTML, CSS3, and jQuery to generate company website digitalavant.com
- Used Dreamweaver for PHP development, and XAMPP for application development on windows

TECHNOLOGY		
HTML	Ruby	User Experience
CSS	Ruby on Rails	Web Development
SASS/LESS	PHP	Linux
GIT	Python	Databases
JavaScript	WordPress	Scrum
AJAX	MySQL	VIM
Jquery	AngularJS	IntelliJ