Kyle Barney

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SENIOR FULL-STACK DEVELOPER

EXPERIENCE

Senior Developer | ConexED   10/2020 – Present

Technologies: PHP, Laravel, React, Vue, jQuery, JavaScript, Zend Framework 1, MySQL, CSS, Bootstrap, Amazon Web Services (AWS), Git, Docker, Linux

- Architecting and developing key new student case management product offering.
- Modernizing legacy PHP codebase with namespacing/autoloading and integration of modern tooling (Eloquent, Blade, Illuminate packages, etc.) for improved developer productivity.

Senior Software Engineer | Malouf   11/2018 – 10/2020

Technologies: PHP, Laravel, MySQL, Redis, JavaScript, Vue, CSS, Bootstrap, Amazon Web Services (AWS), Drone.io (CI/CD), Git, Docker, Linux, PHPUnit

- Automated key accounts receivable functions by creating tools for mass payment application, scheduled payment processing, and credit memo auto-generation, saving department staff large amounts of time and reducing the need for additional hires.
- Built and deployed DevOps infrastructure and pipelines using Docker containers.
- Modernized key PHP codebase handling hundreds of millions of dollars in business - implementing the latest standards in ORM, caching, and queue worker technology to improve teamwide productivity.
- Transitioned key software away from manual deployments to automated, continuous deployments using Envoyer and Drone.io, preventing errors and reducing time to deploy.
- Transitioning software to a high availability architecture on AWS, increasing application reliability.
- Converted in-house ERP software to a multi-tenant architecture, enabling software re-use in subsidiary companies.
- Instituted automated testing to improve codebase reliability and reduce time to deploy.
- Integrated with third-party APIs for business-critical accounting and sales tax compliance functions.

Full-Stack Web Developer/Lead Developer | THG Ingenuity   01/2018 – 11/2018

Technologies: PHP, Laravel, MySQL, Redis, JavaScript, Vue, AngularJS, CSS, Git, Linux, PHPUnit

- As lead developer (July to November), led the rescue of a behind schedule bandwidth billing project, netting $90k in profits during the first month alone once complete.
- Defined requirements for, managed, and mentored a team of 6 developers.
- Conducted code reviews for proposed updates and additions.
- Worked to refactor a vanilla PHP codebase supporting large enterprise clients, including Microsoft and Nintendo, to the Laravel PHP framework.
- Implemented automated tests using PHPUnit.
- Assisted in developing application architecture and database structure.
- Implemented OpenID Connect (OIDC) authentication system.

Cofounder & Full-Stack Developer | BeneGov   08/2016 – 07/2017

Technologies: PHP, Laravel, MySQL, JavaScript, Vue, jQuery, CSS, Bootstrap, Amazon Web Services (AWS), Git, Linux

- Architected and built web applications to improve customer service and boost employee efficiency for municipalities, including applications for code enforcement, board management, public meetings, and citizen relationship management.

- Created a highly reliable and scalable infrastructure on Amazon Web Services (AWS).
- Conducted QA testing and mentored junior technical partner.

Management Analyst | Utah Governor's Office of Management   08/2013 – 07/2016
- Led IT redesign projects and performed QA testing of IT systems.
- Created interim IT system for tracking state agency performance metrics.
- Acted as team lead/group facilitator on Governor-mandated review of state criminal justice system.
- Performed training and facilitated sessions on process improvement methodologies and planning for audiences ranging from line employees to the senior state department leadership.
- Assisted in developing process improvement training curriculum for state employees and leadership.

EDUCATION

BS – Software Development • Western Governor's University • 04/2018 – 09/2019

MPA – Public Administration • Brigham Young University • 08/2012 – 12/2013

BA – International Studies • Brigham Young University-Idaho • 09/2008 – 07/2012

AWARDS

Winner of USVA's Veteran's Online Memorial Challenge – www.va.gov/remember
Won a United States Department of Veterans Affairs user experience design competition with the goal of "creating an interactive digital experience that enables virtual memorialization of the millions of people interred at VA national cemeteries."

The finished product (commissioned by the US Department of Veteran's Affairs based on my design) can be viewed at www.va.gov/remember.

KEY SKILLS

Backend/DevOps
- PHP
- Laravel
- MySQL
- PHPUnit
- Linux
- Redis
- Amazon Web Services (AWS)
- Drone (CI/CD)
- SQL
- Continuous Deployment
- Docker
- Nginx

Frontend
- Vue
- React
- AngularJS
- JavaScript
- CSS
- User Experience Design (UX)

CERTIFICATIONS

Oracle Database SQL Certified Associate • Oracle

CIW User Interface Designer • CIWcertified

Advanced HTML5 & CSS3 Specialist • CIWCertified

Site Development Associate • CIWcertified

Project+ • CompTIA

A+ • CompTIA

ITIL Foundation Certification • AXELOS Global Best Practice