

David Register

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Objective

I am a passionately ambitious developer who finds great joy in using analytic thinking to come up with innovative techniques for applications. Always determined to find my answers, I find solutions for any problems presented to me. Having done work in different industries has provided me with a variety of web development experiences. I enjoy the challenges and will always keep looking for new ways to solve old problems.

Experience

Lead Web Expert at TECKpert

Feb 2012 - Present

- Lead the development on an internal real estate app that made heavy use of Zend Framework 2, Doctrine (ORM and ODM), MySQL, MongoDB and Elasticsearch. Made use of MongoDB capped collections and RabbitMQ to distribute work for ancillary task.
- Replaced a long-running external process within our internal real estate app with Apache Spark. The addition of Apache Spark to our stack reduced the process run time from 18+ hours to less than 45 minutes while still updating over 1.5 million records.
- Successfully implemented an SOA design by breaking up the current monolithic application and creating an API for our website and mobile apps (iOS and Android) to consume. Updated the frontend to consume the API removing the dependency of Doctrine for the frontend site.
- Made use of a CI/CD service, Shippable, that continuously ran our unit test when code was committed to our repository.
- Implemented basic DevOps for client hosting accounts that automates easy backup and restore processes. Created a custom plugin for client WordPress sites that uploads images to a CDN to reduce server storage and maximize our cloud infrastructure.
- Worked extensively with WordPress to develop client solutions with a wide array of requirements.

Web Developer at Zerofractal

Mar 2011 - Feb 2012

- Worked as a Web Developer using the CodeIgniter framework to develop websites. Worked within a team to develop Zerofractal website with a fully custom Admin Section. Utilized the latest Web Technologies (HTML5, CSS3) when developing the Zerofractal Website. Developed mobile websites using the jQuery Mobile framework.

Intern at Zerofractal

- Worked closely with Zerofractal colleagues on developing the structure for the Zerofractal website. Implementing relational database design, creating use case scenarios and involvement mapping the user experience were all part of the daily tasks.

Education

Miami International University of Art and Design

2009 - 2011

BFA, Web Design and Interactive Media

Skills

Zend Framework 2, Doctrine (ORM and ODM), AngularJS, MySQL (Percona Server), MongoDB, Elasticsearch, ELK Stack, Splunk Integration, API Design, Social API Integration (Facebook, LinkedIn, Twitter), RabbitMQ, Codeception (Unit Test), PHP, Java, C#, Python, Bash, Linux Administration, Git