Spencer Rinehart

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PROFESSIONAL EXPERIENCE

Help.com | Austin, TX   September 2014–Present

Software Engineer

I am currently a full-stack software engineer for Help.com building a live chat application. I laid a foundation for our Docker-based production deployment system and built some of the core components for a microservice-based architecture. I worked extensively on building Node.js microservices and instrumenting them in our frontend Ampersand.js (a Backbone.js derivative) application.

Dominion Enterprises | Norfolk, VA   June 2006–September 2014

Web Programmer

I worked at Dominion Enterprises for 8 years on a variety of web applications, APIs, and DevOps/Systems applications. My primary role was a PHP software engineer with a focus on APIs and core functionality. I also led projects for release management and server/process automation. I was the head of a company-wide Open Source committee and a member of the company's Technical Talent Acquisition Group (TTAG).

Some of the key projects that I led include:

- introducing and managing version control systems including automated release processes;
- introducing unit testing and test-driven development;
- developing a RESTful API and converting applications to access it;
- developing an AWS cloud-based automated deployment process utilizing continuous delivery; and
- establishing the company's open source portfolio, leading up a committee to maintain it, and evangelising OSS to the company as a whole.

The websites I serviced are primarily focused on classified advertising and dealer inventory and recieve thousands of requests per minute. I gained work-related experience with PHP, JavaScript, HTML, CSS/Less, Ruby, Puppet, Chef, Linux, MongoDB, SOLR, and Python, among other technologies.

EDUCATION

Virginia Tech   August 2003–May 2006

BS in Computer Science

OTHER SKILLS AND INTERESTS

Primary Expertise
- PHP 10+ years
- Node.js 4+ years
- Linux 10+ years
- Docker 3+ years

Additional Skills
- JavaScript 10+ years
- Ruby 3+ years
- AWS 3+ years
- Docker 3+ years
- Ansible 1+ years
- Chef 1+ years
- Puppet 1+ years
- HTML/CSS/Less 10+ years