

SPENCER RINEHART

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I am a full-stack engineer with over fifteen years of PHP experience and over six years of Node.js experience. I have extensive experience using Linux as a development environment and the base of a production software stack. Over my career, I have built the DevOps foundation at multiple companies using Docker, Ansible, Jenkins CI, and Amazon Web Services. I am passionate about establishing best practices for an engineering team and improving the tooling for developing and delivering software.

WORK EXPERIENCE

Twyla

Lead Software Engineer April 2018–Present

Software Engineer July 2017–April 2018

I am currently a lead software engineer at Twyla where we are developing a custom e-commerce platform for selling high quality, limited-edition art prints. I developed the Node.js backend to a GraphQL-based application using React on the frontend. I lead a small, agile team of engineers and work on the executive team to help set the company-wide product strategy and timeline.

FloSports

Software Engineer January 2016–June 2017

At FloSports, I was a software engineer working on their live-streaming platform for sporting events. I used my experience with PHP to quickly build a centralized identity API for managing athletes and teams. Using that framework, I also helped build an event registration system for athletes and teams using Angular 2. I also built the API platform for the next-generation live-streaming platform using the Serverless framework on AWS Lambda.

Help.com

Software Engineer September 2014–January 2016

I was a full-stack software engineer for Help.com where I helped build a live chat application. I laid the foundation for a Docker-based production deployment system and built some of the core components of Help.com's 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–TraderOnline.com

Web Programmer June 2006–September 2014

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, unit testing, and automated release processes;
- developing RESTful APIs and converting applications to access it;
- developing an AWS-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 at-scale experience with PHP, JavaScript, HTML, CSS/Less, Puppet, Chef, Linux, and MongoDB, among other technologies.

EDUCATION

Virginia Tech

Computer Science August 2003–May 2006

In three years, I received a B.S. in Computer Science.

SKILLS

Primary Expertise

- PHP 15+ years
- Node.js 6+ years
- Docker 5+ years
- Linux 15+ years

Additional Skills

- HTML/CSS/JS 15+ years
- AWS 5+ years
- React 1 year
- Ansible/Chef 3+ years