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## Summary

Austin-based software developer with 20 years of professional experience, the last 10 of which have been full-stack Ruby on Rails and front-end Javascript positions. Seeking a senior engineering position that takes advantage of my user-focused philosophy and in which I can be assured of learning new things and improving my skills.

# Experience

*November 2017 - present:* **YouEarnedIt, Senior Software Engineer/Team Lead/Architect** I'm presently a full-stack engineer at YouEarnedIt, working on our SaaS employee experience platform. I served as team lead during our GraphQL research and implementation project, with a modest contribution to the graphql-ruby gem. My work focuses mostly on the API layer of our platform. As of August 2018 I have joined an architectural planning committee responsible for the design of a new integrated platform after the acquisition of HighGround, a Chicago-based performance management software company. Toolset includes: Amazon S3, Aurora, CodeBuild, MongoDB Atlas, GraphQL, React, Rails, Mandrill, Resque, ElasticSearch, Node.js.

#### *February 2017 - October 2017:* Borrowed & Blue, Senior Software Engineer

I worked on the Core Team at Borrowed & Blue, where I was responsible for design and implementation of new features for our apps, along with the usual maintenance tasks. The team of a dozen engineers was entirely remote, and our design process required close collaboration. In October 2017 the company was dissolved. Toolset included: Heroku, Rails, Postgres, Mandrill, S3.

#### July 2016 - January 2017: Liveoak Technologies, Director of Engineering.

At Liveoak Technologies my responsibilities included ownership of our primary customer's feature set, including everything from customer communications to feature specification and hands-on implementation in code. The Liveoak product, a financial agreement facilitation tool, was successfully deployed to high-end international banks and insurance customers around the world. In addition I was tasked with recruiting, ensuring code quality across our small team, strategic planning and new projects. Toolset included: Heroku, Rails, WebRTC, web sockets, and the Docusign API.

## July 2012 - July 2016: Union Metrics, Sr Front End Engineer/Team Lead.

As an early hire, I focused on the Rails side of our complex social media analytics SaaS application. Tasks included implementation of REST APIs and rapid development of new UI, including extensive visualization and some Java development. In November 2014 my responsibilities expanded to include technical leadership of the front-end team along with continued innovation in user experience and visualization. In the summer of 2018 (well after my departure), Union Metrics was acquired by TrendKite. Toolset included: D3.js, Angular v1, jQuery, Rails, Redis, MongoDB, MySQL, memcache, SQS, S3, Sphinx, and Resque.

### March 2010 - July 2012: PeopleAdmin, Lead Developer.

I developed and maintained the PeopleAdmin 7 SaaS product, which is used by higher education and government customers for position management. The application has several layers of abstraction to support a wide variety of customer requirements. In August 2011 I became technical lead for a 3-person Customer Operations team responsible for biweekly maintenance releases of our SaaS product.

## **Other Past Positions**

Senior Software Engineer, Crossroads Systems. 2008 - 2010. (Rails)
Web Application Developer, The University of Texas at Austin. 2002 - 2008. (PHP, Rails)
Chief Technical Officer, Steve Jackson Games. 2000 - 2001. (PHP, Perl)
Senior Web Application Developer, Purity Software. 1999 - 2000. (Custom)
MIS Director and Webmaster, Techworks. 1999. (CGI, PHP)
Macintosh Systems Administrator and Webmaster, Motorola SPS. 1995 - 1998. (CGI)

### Education

**University of Texas at Austin, Electrical Engineering Honors + Mathematics.** Coursework: Logic, Linear Algebra, Number Theory, Multivariate Calculus, Applied Discrete Math, Probability, and Differential Equations. Computer Science, Mathematical Analysis (Honors), Physics (Honors)

### References

Kevin Hopkins, Founder, Zeta (formerly Manager, YouEarnedIt). *kevin@zetahelp.com* Adam Healey, CEO, Borrowed & Blue. *adam@borrowedandblue.com* Andy Ambrose, CEO, Liveoak Technologies. *andy@liveoak.com* Hayes Davis, CEO, Union Metrics Software. *hayes@unionmetrics.com*