

MATT FARINA

Software Architect, Technical Lead, Developer

Status: Architect and Technical Lead at Hewlett Packard Enterprise
Fields: Software Development, Developer Experience, Cloud, Web Performance
Technologies: Go, JavaScript, PHP, Microservices, Jenkins, Drone
Cloud: Kubernetes, Cloud Foundry, Heroku, OpenStack, AWS, Azure

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Summary

Software engineer, architect, and technical leader primarily focused on cloud applications, web applications, and services. An author, speaker, and podcaster on technology. Developer of multiple popular open source projects.

Experience

Principal Engineer - Hewlett Packard Enterprise (formerly Hewlett-Packard) June 2011 - Present

- Technical lead and architect in Software Defined and Cloud Group working on HPE Project New Stack
- Architected and delivered OpenStack based HP Public Cloud Marketplace
- Lead engineer on R&D efforts that fed HPE Project New Stack as part of Advanced Technology Group
- Led delivery of 2/3 of websites and web applications for the HP Public Cloud
- Successfully pitched product direction ideas to executive leadership
- Presented products and solutions to Fortune 500 customers

Vice Chairman of the Board - Enjoy Creativity April 2014 - Present

- Enjoy Creativity is a non-Profit technology organization serving other non-profits
- Collaborated with the Executive Director on the vision and direction

Mentor - TechStars Mobility May 2016 - Present

- Provided targeted guidance for numerous early stage mobility startups
- Suggested potential partnerships for startups, some of which came to fruition

Co-lead SIG Apps - Kubernetes Project May 2016 - Present

- Organized and ran weekly Special Interest Group (SIG) meetings
- Mentored numerous Kubernetes related projects to improve their development

Senior Front-End Developer, Engineer and Team Lead - Palantir.net June 2009 - June 2011

- Lead development of and shipped customer websites and web applications
- Developed new open source technologies (e.g. decentralized calendar management)

Co-Chair of Programming - DrupalCon Chicago June 2010 - March 2011

- Organized speakers, tracks, and track chairs
- Produced communications for speakers and conference attendees regarding conference content

Senior Developer - Tree House Agency Feb 2009 - June 2009

- Wrote responses to development proposal requests
- Developed and shipped client websites

Senior Engineer - General Dynamics Land Systems Nov 2002 - Feb 2009

- Developed a Rapid Application Development software framework and applications built on it
- Lead diagnostics, prognostics, and testability efforts for military vehicles

Education

Bachelor of Science, Electrical Engineering - Michigan State University 1997 - 2002

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Publications

- Butcher, Matthew and Farina, Matthew. **Go in Practice**. Manning Publications 2016
- Farina, Matthew. **Big Performance Wins On The Front End**. Drupal Watchdog 2011
- Farina, Matthew, et al. **Drupal 7 Module Development**. Packt Publishing 2010

Select Presentations

- Farina, Matthew. **Dipping Your Toes Into Cloud Native Application Development**. Presented at CloudDevelop, August 26th, in Columbus, Ohio 2016
- Farina, Matthew. **A Dive Into Containers and Docker**. Presented at CloudDevelop, October 23, in Columbus, Ohio 2015
- Farina, Matthew. **Why OpenStack Matters And How You Can Get Started**. Presented at CloudDevelop, October 17, in Columbus, Ohio 2014
- Farina, Matthew. **Secure Your Site**. Presented at DrupalCamp Michigan, October 12, in Ann Arbor, Michigan 2013
- Farina, Matthew. **Faster Mobile Sites**. Presented at DrupalCon, March 19-23, in Denver, Colorado 2012
- Farina, Matthew and Smith, Nathan. **Using Sass & Compass In Drupal Theming**. Presented at DrupalCon, March 19-23, in Denver, Colorado 2012
- Farina, Matthew and Dan Mouyard. **Faster Front End Performance**. Presented at DrupalCon, March 7-10, in Chicago, Illinois 2011

More details and presentations available at mattfarina.com/speaking

Select Projects

Glide - Lead Developer July 2014 - Present

- Most popular package manager for Go programming language
- Developed core components that have been reused in other tools (e.g., Kubernetes Helm)

HTML5 Parser and Writer - Co-creator and Core Developer March 2013 - Present

- Most downloaded PHP HTML5 Parser and Writer
- Shipped with other projects (e.g., Drupal, the popular content management system)

Kubernetes Helm - Contributor 2015 - Present

- Started contributing to Helm during Helm Classic development

OpenStack - Core Developer 2013 - 2015

- Contributed to projects, such as Horizon
- Lead Software Development Kit (SDK) developer for PHP

Drupal - Core Developer 2006 - 2012

- Contributed to JavaScript handling, front end performance, User Experience, content validation, and more
- Created or contributed over 40 extension modules

Farbtastic - Lead Maintainer 2009 - 2010

- Popular color selector (e.g. used on Twitter and shipped in Drupal and Wordpress)