

# 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

Highland, MI, USA

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(248) 388-0973

## 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 - June 2017

- 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 leveraging Cloud Foundry
- Successfully pitched product direction ideas to executive leadership
- Presented products and solutions to Fortune 500 customers

**Co-lead SIG Apps** - Kubernetes Project

May 2016 - Present

- Organize and run weekly Special Interest Group (SIG) meetings
- Mentor numerous Kubernetes related projects to improve their development

**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

**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](http://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)