



Danny Berger

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I enjoy *building technology* to improve *business processes* as a *software engineer*. I build on industry *best practices*, but I use my *detail-oriented* and *quick-learning* nature to better understand how they can be *adapted and improved* for local needs. I bring my experiences as a *developer*, *operator*, and *user* to provide a more *holistic perspective* on solution discussions. I feel most effective when I can *apply myself* to evolving those solutions into something that will *help others* be more effective.

I look for *technical opportunities* that require me to *learn and improve* myself through *complex problems* and *new perspectives*. I want to work with teams that *respect open source* and appreciate *open collaboration* as a method to build *effective products*.

Employment

P

Pivotal Software, Inc.
Staff Software Engineer

November '15 – present

- Work on discovery-focused initiatives to identify investment opportunities in Kubernetes Cluster API and tooling to help internal development teams.
- Support teams implementing several, personally-created projects into their operations and workflows.
- Team Lead ("anchor") on BOSH, working closely with Product Managers to guide technical features and facilitate collaboration with internal and external teams.
- Engineer on BOSH, a large Ruby- and Go-based, deployment lifecycle product, and using a variety of infrastructures (namely Amazon Web Services, Google, and vSphere).
- Help bootstrap and train a new Cloud Operations team as part of a 3-month relocation to Dublin, Ireland.



The Loopy Ewe
Software Systems Engineer

June '06 – present

- Developed and currently maintain in-house e-commerce frontend and backoffice tools using primarily PHP and MySQL
- Migrated the backend website and services to the open-source symfony2 framework
- Integrated business tools with APIs including PayPal and Endicia
- Advising on strategic goals for the business and assisting in implementation
- Migrating from traditional servers to a multi-region cloud environment on AWS
- Migrating from Puppet-managed servers to a BOSH-managed environment
- Currently maintain production server environments and services



City Index Ltd, Labs Team
Software Developer

August '13 – August '15

- Implemented and managed scalable logstash + elasticsearch + kibana stacks on AWS
- Researched and tested elasticsearch scaling for project needs
- Creating and managing BOSH releases for logsearch
- Creating logsearch-shipper, designed for log forwarding and monitoring of any other

BOSH deployments

- Designing and supporting VPC environments on AWS
- Defining and implementing logging and monitoring practices for deployments
- Worked remotely



Sentry Data Systems
Software Developer

July '09 – October '12

- Guided the adoption of and migration to the open-source symfony2 framework from an internal framework for main customer SaaS web application
- Implemented development tools and standards including opengrok, composer, and PSR conventions
- Advised and taught on software design, industry practices, and development workflows
- Created automated systems for detecting data quality issues in client data feeds, significantly reducing manual work
- Created custom issue tracking system to support existing Oracle-based applications, email ticketing, workflows, and time estimations
- Worked locally for 18 months and remotely for 22 months

Education



Taylor University
Bachelor of Science — Computer Science, Systems (Business Information Systems)

August '05 – May '09