

# Lark Mullins

*Developer. Engineer. Architect*

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## EXPERIENCE

### **Generation Tux, Louisville, KY**

*Senior Software Engineer – DevOps Team*

AUGUST 2016 - PRESENT

At Generation Tux (Gentux), I am part of the three person DevOps team. Our responsibilities include designing, developing, and maintaining our Kubernetes backed infrastructure. I have had the opportunity to work on our transition from Google's Cloud Platform to AWS which powers our Kubernetes cluster, successfully transitioned our builds and deployments from Atlassian's Bamboo to Wercker (wercker.com) for CI/CD. I also contribute to our open source PaaS on-top of Kubernetes named Brizo. Brizo is written in Go for the API and Angular 2 for the UI.

### **NC State University, Raleigh, NC**

*Business Technology and Applications Analyst*

JANUARY 2014 - AUGUST 2016

At NC State, I was the lead developer of campus wide APIs, services, and applications. I also lead a campus wide co-working sessions for developers across campus. Worked in both AWS and Google Cloud to move and deploy current suite of applications to utilize the cloud instead of local data centers.

### **DocuRep, LLC, Wake Forest, NC**

*Lead Architect/Developer*

JANUARY 2014 - PRESENT (PART-TIME)

Lead all infrastructure and architecture design, software development, and management of development team. Designed and maintain AWS infrastructure including server provisioning/maintenance, database design and administration, and deployment procedures. Design and developed RESTful APIs for various services (microservices). Consult with business team to fit business needs/requirements with architecture and development teams.

## LANGUAGES

PHP, Golang, Java, Python, JavaScript, HTML, CSS

## WEB SERVERS

Nginx, Apache, Lighttpd, Tomcat, Jetty

## DATABASES / DATASTORES

PostgreSQL, MySQL, Memcached, MongoDB, Redis, Elasticsearch, OrientDB

## FRAMEWORKS / LIBRARIES

Laravel, Symfony, Phalcon, Angular 2, VueJS, Backbone.js, Jersey, jQuery, SASS, Bootstrap, Foundation, Font Awesome, BEM Methodology

## TOOLS / CLOUD

Kubernetes, Docker, Vagrant, Terraform, Jira, Confluence, Zabbix, Ansible, Puppet, Jenkins, AWS, Google Cloud

## OPERATING SYSTEMS

Linux (Red Hat, CentOS, Fedora, Ubuntu), OS X

## **Indiana University Southeast, New Albany, IN**

### *Web Team Leader*

JANUARY 2012 - JANUARY 2014

Managed a team of 6 full-time and 1-3 student/part-time developers, systems engineers, project managers, and designers. The Web Team was responsible for all web, application, and systems development and maintenance across campus. Lead development of a campus wide RESTful API to increase application development efficiency. Served on the Professional Staff Council which gives centralized support for professional designated employees.

## **DRE, Inc, Louisville, KY**

### *Lead Web Developer*

NOVEMBER 2011 - JANUARY 2012

Lead developer for custom CMS and catalog system.

## **HMS, Inc, Jeffersonville, IN**

### *Lead Software Engineer / Linux Administrator / MySQL DBA*

JANUARY 2010 - NOVEMBER 2011

At HMS (formerly Chapman Kelly), I began as the Lead Software Engineer on a SaaS product offering. Lead development from database design, custom framework development, UI/UX development, to deployment and maintenance. Then transitioned to Linux Admin / MySQL DBA. In this role I helped migrate our systems to a new data center and setup database replication between data centers.

## **Humana, Inc, Louisville, KY**

### *Frontend Engineer*

FEBRUARY 2009 - JANUARY 2010

At Humana, I lead development on various projects, specifically MyHealthReform.org and the redesign of Humana.com. I also worked with our development team to set standards for front- and back-end development.

## **TMP Worldwide, Inc, New Albany, IN**

### *Lead Developer*

MARCH 2006 - FEBRUARY 2009

Lead development team on projects including websites, emails, and interactive ads. Developed coding standards for team and trained other developers in integrating these coding standards across all projects.

## **AWARDS**

### **IU Management Training Series (MTS) Graduate**

A university wide leadership development program offered to various leaders across the entire IU organization.

## **COMMITTEES / GROUPS**

### **NC State Developers Coworking Leader**

Lead a weekly cross unit/campus coworking group that facilitates communication between different units of developers

### **Statewide Developers Committee**

Participated in statewide committee for developers across the IU System

## **PRESENTATIONS**

### **Getting Started in Cloud Development**

A presentation to introduce basic concepts and tools for developers starting in cloud development

[View Presentation](#)

### **University Wide Developer Panel Member**

Sat on a panel at IU's IT Statewide Conference with other developers from across the University

## **TECHNICAL SKILLS**

Experience with various cloud PaaS offerings such as Amazon Web Services (AWS), Google Cloud, and OpenShift

Experience with designing and developing REST-based API and Microservices architectures and services

Experience developing high-traffic web applications and services

Experience with developing and enforcing security protocols and processes

Experience of designing and implementing infrastructure architectures

Experience in management of a team of developers in every aspect of web and application development including professional development

## **PROFESSIONAL ACCOMPLISHMENTS**

Managed an IT staff of 6 full-time and 3 part-time employees, including hiring, disciplinary action, team direction and motivation, as well regular one-on-one meetings

Leader of weekly co-working group across NC State campus developer community

Designed, implemented, and maintain new web infrastructure utilizing Indiana University's Intelligent Infrastructure data center

Lead development of current application stack migration to Google's Cloud offerings at NC State University

Serve on monthly Web Services group at NC State University

Serve as a member of the Professional Staff Council at Indiana University Southeast in New Albany

Designed and implemented move of 35+ Linux application and databases servers across three environments (Development, QA, and Production) to two datacenters located in Jeffersonville, IN and Dallas, TX

Implemented code reviews to help with building developer skillset and experience

Experience in managing projects of varying sizes and competing priorities