ERIKA MIGUEL

(914) 297-7519 · ERIKA@ERIKAMIGUEL.COM

WORK EXPERIENCE

IDEX, ASA

DevOps and Tools Engineer   Tewksbury, MA
March 2017 – Present
- Building entire AWS Cloud infrastructure with newly created DevOps team using Terraform, AWS, and Puppet
- Responsible for Lambda integrations, server/architecture requests, and resilient cloud systems

Perka

DevOps Engineer   New York, NY
April 2016 – March 2017
- Sole DevOps engineer on Perka's team at the time. served as single point of contact for:
  - Prod/deploy/build failures, new account setup, RO prod access, SSL certs, downtime, uptime reports, config and AWS related tasks, managing DevOps contractor
- Creative work (AWS, Python, Config Management):
  - Created Cloudformation (CFN) stacks for making automated database / EBS backups based on AWS Lambda, Python scripting for monitoring client machines, eyaml for Puppet/Hiera values
- Toil work:
  - Spot checks instance health on Sensu, manual production deployment checks, daily maintenance of AWS resources, AWS resources (EC2, RDS, Route53), Atlassian Tools (JIRA, Bamboo)
- Production Experience (Traditional Downtimes, Deployments, Monitoring, Logging):
  - JIRA migration from 6.4 to 7.3; PostgreSQL migration from 9.4.4 to 9.6.1; Emergency replace staging environment due to legacy networking systems
  - Deployment: Improved deploy process (15 min to 40 sec, app versions consistent across envs)
  - Monitoring: Built graphite monitoring architecture; connected Pingdom to Sensu
  - Logging: Added secure log filters; replaced logstashforwarder with filebeat

Goldman Sachs

Global Investment Research - Analyst Software Developer   New York, NY
July 2015 – April 2016
- DevOps engineering role with global team in Investment Research
- Automating Linux and Windows deployment and migrating applications to a new config service. (Internal tools)
- Coding dashboard component to track projects without testing evidence (Java, React, Internal APIs)
- Enhanced a legacy application in Prime Services division to reduce production access to trade files.
  - Developed the upload feature for file processing with access controls (Java, AngularJS, jUnit).

PROJECTS

Personal Website   Jekyll, AWS
- Github Repository: https://github.com/evmiguel/erikamiguel
- Site: https://erikamiguel.com

EDUCATION

Smith College   Northampton, MA
Bachelor of Arts, Major in Computer Science
September 2011 - May 2015