ERIKA MIGUEL

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WORK EXPERIENCE

IDEX, ASA
Software Developer   Wilmington, MA
March 2017 – Present
- Project owner for Single-Sign On experience with company tools and unified user creation suite of tools for admins and project leads. Entails:
    - Shipping CLI and utility tools and serverless RESTful API (Python, OOP, Lambda, API Gateway)
    - Connecting Azure AD SAML clients to IT Provider's Azure instance (Python, manual steps)
- Implementing cloud based testing framework for fingerprint sensors. Entails:
    - Coding and invoking automated tests from build server (Python, Batch, Bamboo, AWS)
    - Configuring fingerprint sensors on physical servers to run cloud-triggered tests (sensors, custom tools)
- Expanded logical unit tests for firmware codebase (C, cpputest)
- Built entire AWS Cloud infrastructure with newly created DevOps team (Terraform, AWS, and Puppet)

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, account setup and access, SSL certs, config and AWS related tasks, managing DevOps contractor, 24-hour on-call for production outages
- Creative work:
    - Created Cloudformation architecture for making serverless database / EBS backups (AWS, Python)
    - Scripted server checks and enforced encryption for sensitive config values (Python, eyaml)
- Sysadmin experience with traditional downtimes, deployments, monitoring, logging, and cloud maintenance

Goldman Sachs
Global Investment Research - Analyst Software Developer   New York, NY
July 2015 – April 2016
- DevOps engineering role with global team in Investment Research
    - Automated deployments and migrated applications to new config service. (Internal tools)
    - Developed dashboard component to track projects without testing evidence (Java, React.js, 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: https://erikamiguel.com

Github Projects: https://github.com/evmiguel
- Repositories for personal site, lambda functions, software engineering and IoT exercises

EDUCATION

Smith College   Northampton, MA
Bachelor of Arts, Major in Computer Science

September 2011 - May 2015