

Johan McGwire

Website: McGwire.tech

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EXPERIENCE

Staff Site Reliability Engineer

June 2020 - Present

Coinbase, Remote, Columbus, OH

- Built a full service IT Support portal which aggregates all major IT applications into a single view
 - GraphQL and microservice architecture for Okta, Duo, Google, Jamf, Oomnitza and internal apis
 - React frontend hosted in AWS with Kubernetes backend
 - Advanced user frontend and backend analytics monitoring via Datadog
- Led a developer forum, enabling discussions and demos on a multitude of engineering topics
- Architected, Implemented, and Operationalized Temporal for user onboarding and off boarding
- Served as an Incident Commander leading high severity internal and external incident remediation
- Built a macOS EC2 instance deployment pipeline for AutoPkg and retail application deployments
- Enabled corporate reports with python Airflow ETLs for Jamf, Google, Okta, Jira, and Duo
- Conducted a company macOS MDM transition, including company communications and support
- Prototyped NanoMDM for device management with MongoDB open source contributions
- Mentored IT members on converting their project requirements to implementable projects
- Built a platform for terraform codification and application along with a Jamf terraform provider
- Converted many human service desk processes to customer request-able automations
- Delivered many Golang projects, on server-full and server-less infra to accomplish business needs
 - Built a Slack Guest Management bot, enabling self service, NDA signature enabled invitations

MacOS Engineer

January 2020 - May 2020

Leidos, Reston, VA

- Transitioned from mobile accounts on AD-bound devices while maintaining NIST compliance
- Created single network service enforcement subsystem to satisfy NIST requirements
- Created Privilege Rights Management subsystem and workflow for local administrative accounts
- Overhauled machine provisioning and software installation workflow
- Experimented with application blacklisting and whitelisting with Google Santa

Lead Systems Engineer

January 2019 - January 2020

Denison University, Granville, OH

- Refactored all Jamf policies to implement standardized custom scalable workflows
- Enabled a single source of truth for all software scoping, encompassing all computing endpoints
- Designed many workflow enhancements to improve client deployment experience
- Administered ZenWorks Configuration Management and Jamf with accompanied infrastructure
- Evaluated and prioritized all endpoint configuration changes and projects

IT Coordinator

June 2016 - January 2019

Battelle Memorial Institute, Columbus, OH

- Established Jamf macOS management with automated device deployment workflows
- Constructed and maintained SCCM deployments of internal applications
- Built provisioning packages to replace traditional Windows imaging workflows
- Administered Microsoft Intune and reviewed all future endpoint management integrations
- Configured 802.1X computer Wi-Fi authentication with associated radius server rules

EDUCATION

Bachelor's of Science in Computer Science and Engineering
Cyber Security Specialization

May 2018