

Kyle Keilson

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EXPERIENCE

Ringling College of Art and Design, Enterprise Systems Engineer

January 2021 — current

- o Architected, deployed, and managed a robust enterprise virtualization environment based on **VMware vCenter/ESXi** and Hyper-converged Infrastructure (**Cisco HyperFlex**).
- o Led the deployment of **Pure Storage SAN** arrays and administered hardware across **Cisco UCS** blade and **Dell PowerEdge** fleets.
- o Implemented **CI/CD standards** and utilized **Ansible** for end-to-end automation across macOS, VMware, and HyperFlex environments.
- o Spearheaded **Identity and Access Management (IAM)** solutions using **Okta Workforce Identity Cloud**, developing **Okta Workflows** and contributing to complex SSO integrations.
- o Enhanced organizational security posture by managing and troubleshooting **Palo Alto firewall** rules, administering the **Graylog** log management solution, and providing system hardening expertise.
- o Expanded enterprise cloud presence to **AWS**, managing virtual environments and developing custom serverless functions using **AWS Lambda**.
- o Administered a fleet of **3,000+** macOS devices using **Jamf Pro** and **Munki**, implementing **Git version control** and automation via **Bash/Python** scripting.
- o Managed critical campus infrastructure, including **VMware Horizon (VDI)**, **Genetec Security Center** (Cameras/Door Access), **eduroam-US** networking, and telephony systems (**Signalwire/Asterisk**).
- o Managed the full certificate lifecycle for internal and external services (**SSL/Client/Code-Sign**) using InCommon/Sectigo, including key management and team mentorship.

Chase, Software Engineer

April 2021 — December 2021

- o Modernizing core deposits particularly to run multi-region in AWS EKS
- o Provisioned infrastructure using Terraform

PNC, Senior Technology Engineer

March 2019 — April 2021

- o Enabled declarative deployments for VMs and Containers
- o Developed Kubernetes GitOps strategy to enable safe and secure deploys for developers
- o Simplified app pipeline setup down to adding a webhook to democratize continuous integration and delivery

PNC, Technology Engineer

October 2017 — March 2019

- o Architected and built new backend with Go microservices connected with gRPC and protocol buffers
- o Redesigned IaaS platform to simplify concepts and APIs
- o Led ReactJS site development to expose IaaS offering

Visa Inc., Software Engineer

June 2016 — October 2017

- o Led Android team for white label highly configurable mobile banking app
- o Explored POC integrating React Native into existing app
- o Integrated Javascript Engine into app to share code across iOS, Android, and web
- o Implemented network stack exposed to Javascript code in Android and iOS
- o Manage 100s of features for different banks

Maverick Software Consulting, Software Engineer Intern

October 2014 — May 2016

- Worked with a remote team at Thomson Reuters to automate process of converting PDF court documents to XML using Java and the Spring framework
- Reduced conversion time from days to minutes
- Implemented client interface in HTML, Javascript and JSP

Visa Inc., Software Engineer Intern

May 2015 — August 2015

- Implemented fingerprint authentication for Android Visa Checkout SDK using Samsung Pass SDK
- Researched the FIDO UAF Protocol and implemented a RESTful FIDO Server using the Spring Framework

EDUCATION**DePaul University**

— 2014

B.S. - Network Technologies, GPA:

SKILLS**Web Development:** ReactJS, HTML, CSS, Javascript**Mobile Apps:** Android, iOS**Other Languages:** Golang, Java, Python, C, C++