ANTONY NATALE

Senior Systems Engineer

~$ WHOAMI

Linux/Open Source evangelist, enjoy learning new technologies, enjoy problem solving, love automation, logistics, process improvement, and creating tools to improve day-to-day operations, passionate about documentation, yearn to grow as a Site/Platform Reliability Engineer, tend to write run-on sentences, drink way too much coffee, and occasionally pluck on a bass guitar with some friends!

EDUCATION

University of Massachusetts - Lowell
M.S. Information Technology
- *Current student*
- *Expected completion 2021*

University of Massachusetts - Lowell
B.S. Information Technology
- *Graduated 2019*
- *GPA 3.91*

PROFESSIONAL SKILLS

- Linux
- Kubernetes/Docker
- RCHSA Certified
- AWS SAA Certfied
- Cloud Foundry/Bosh
- Bash, Python, and Go
- Concourse CI
- Prometheus/Grafana
- Documentation
- Private Cloud Experience

CONTACT INFORMATION

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Website: tonynatale.xyz

PERSONAL INTERESTS

Cooking
Music
Learning New Technologies
Learning to Code
Movies
Woodwork

WORK EXPERIENCE

Senior Systems Engineer - PaaS Platform Engineering
Fiserv, Inc. - August 2019 to Present
- Promotion from previous role, continued support and improvements of the Pivotal Cloud Foundry (PCF) and Pivotal Container Service(PKS - Kubernetes) platforms.
- Encourage proper cloud architecture, application design, culture and methodologies.
- Focus on SRE principles through automation, monitoring, testing to ensure SLI/SLO's as well as good documentation.
- Encourage Agile focus on Platform Engineering using Scrum and some Kanban
- Automate toil and create tools to aid Engineers using Bash, Python and some Go
- Heavy use of Kubernetes, Bosh, Cloud Foundry, Docker, Concourse, Grafana, and Prometheus
- Integral part of Fiserv project to build out all 3 PKS foundations at Fiserv running on VMware with NSX-T
- Aided in the merging of 2 Fortune 500 companies (Fiserv and First

Systems Engineer - PaaS Platform Engineering
Fiserv, Inc. - May 2018 - August 2019
- Support, expand, and improve Fiserv's private cloud PaaS solutions using PCF and PKS
- Build out new PaaS foundations in data centers and ensure successful day 2 operations
- Collaborate with other engineering disciplines to triage customer/business unit issues
- Create and peer review knowledge base articles and product documentation
- Support numerous technologies such as Cloud Foundry, BOSH, Kubernetes, Docker and services such as Vault, RabbitMQ, and Redis
- Migrated all system configurations and properties into SCM in order to automate and ensure consistencty of all 8 PCF and 3 PKS foundations across 4 data centers
- Fully automated the upgrades and patching of 8 PCF foundations and 3 PKS foundations, as well as created a tool to automate updating those pipelines for each new patch cycle
- Promoted to Senior in a short time period based on performance and accomplishments during my first year on the team.

Junior Systems Administrator - Linux/Virtualization
Fiserv, Inc. - July 2016 - May 2018
- Responsible for the operational activities of a 24 x 7 x 365 enterprise production environment within the financial service industry.
- Duties include production outage triage and post-mortem/RCA, incident management, work-order fulfillment, change management, vulnerability remediation, patch management, DR tests, and/or ad-hoc activities to support business requirements.
- Required knowledge of Linux, Web Servers, Virtualization technologies, Oracle Products, Networking, Enterprise Monitoring tools and scripting
- Created tools to help automate and simplify daily tasks and improve efficiency for the company

IT Support Technician
Atlantic American Corporation - March 2015 - July 2016
- Information Services and support for an A.M. Best Rated insurance parent company
- Assist the Network Administrator and AVP of Information Services in day-to-day tasks in maintaining a network of 200+ associates
- Responsible for maintaining and resolving tickets for various computer/network issues
- Provided excellent desk-side support/training to our teammates by both correcting issues, and coaching end users for future knowledge
- Received commendations from the CIO, and given full administrator access in my first few months based on positive reviews and compliments from our team.
- Daily tasks include system upgrades, system recovery, LAN/WAN troubleshooting, printer troubleshooting, VoIP troubleshooting, employee policy/permissions management, new hire/termination of users management, basic Security/vulnerabilities protection and correction, hardware maintenance, and backups.