Daniel Nazareth

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EDUCATION

University at Buffalo, The State University of New York
Master of Science, Computer Science, May 2016

University Of Mumbai, Mumbai, India
Bachelor of Engineering (First Class), Electronics & Telecommunications, Aug 2011

RELEVANT EXPERIENCE

Lead Site Reliability Engineer, Schireson (now Known Global LLC), New York NY   06/25/2018-Present
- Setup and maintain our Kubernetes clusters and cloud infrastructure running internal and client facing microservices.
- Ensure our services are scaled, monitored, logged and set up using modern GitOps principles (ArgoCD, Prometheus, Grafana, Loki etc.)
- Write automation in Python or Bash for repetitive tasks or to meet specific engineering needs.
- Leverage Terraform and other config management tools to build repeatable, configurable Infra As Code.
- Setup and administer all data stores - RDS Postgres, Snowflake, Elasticache, Redshift along with their ETL tooling primarily Apache Airflow and Argo Workflows.
- Setup and maintain org-wide data science tooling - Jupyterhub, KubeRay, MLFlow, AWS Sagemaker

Systems Administrator, Cambridge Analytica, New York NY   03/14/2016-06/08/2018
- Configured, administered and automated all on premise and cloud infrastructure for our US offices.
- Setup and maintained DNS(bind9), DHCP(isc-dhcp), VoIP(Freeswitch+Twilio), PXE, web (Nginx),firewall(iptables),OpenVPN and storage servers (ZFS) as well as two KVM hypervisors all on Debian Linux along with wired and wireless HP network infrastructure.
- Setup and co-administered our AWS cloud infrastructure (EC2, SES, Route53, Autoscaling etc.)
- Scripted using Python and Bash along with various Web API's to automate various tasks and build small, useful apps. In particular, I used the Slack, Google/G Suite and Twilio API's quite frequently.

Software Development Intern, Infochimps, Austin TX   06/15/2015-08/21/2015
- Built, QA'ed and deployed a number of mapping widgets for Infochimps' Internet Of Things platform using the Ext JS 5 framework and the Google Maps API.

Test Engineer, Larsen & Toubro InfoTech Ltd, Mumbai, India   11/29/2011-06/27/2014
- Served as an offshore technical consultant to Citi Equities and Prime Technology.
- Administered and provided 24*5 application support in UAT with my team for over 70 Citi UNIX servers world wide running Citi's proprietary trading apps.
- Wrote scripts in Bash for automating a variety of daily checks and tasks.

SOFTWARE SKILLS
- *Programming Languages*: Python, Bash, SQL, limited C/C++/Java/Go
- *Web Technologies*: HTML, CSS, JavaScript, Nginx
- *Cloud Native/K8S Tools*: EKS, kops, ArgoCD, Prometheus, Grafana, Loki, KEDA, Karpenter, External Secrets, Istio, Ambassador Edge
- *Databases*: MySQL, Postgres, Redshift, Snowflake
- *Platforms*: UNIX (Debian/Ubuntu Linux, some Solaris),OS X, AWS, Azure, GCP

CERTIFICATIONS
- Google Cloud Professional Cloud Devops Engineer
- Certified Kubernetes Administrator (due for renewal)