

Kevin Nguyen - [linkedin.com/in/kevin-nguyen-levantine](https://www.linkedin.com/in/kevin-nguyen-levantine)

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SKILLS

- Cloud: **Amazon Web Services (AWS)**
- Programming: **Python (Flask + Django), Java (Spring Boot), Shell Scripting**
- Config Management: **Ansible, Salt Stack**
- Containerization: **Docker**
- Infrastructure as Code: **Terraform**
- CI/CD: **Github Actions, Jenkins, Gitlab CI**
- Monitoring Logging Alerting: **New Relic, DataDog, CloudWatch, Splunk, PagerDuty**
- Secret Management: **ASM (KMS, ACM), Hashicorp Vault, Ansible Vault**
- Database: **MySQL + Percona XtraDB Cluster**
- Test Automation: **Selenium Java + Python Cucumber BDD**
- SCM: **Github, Gitlab**
- Others: **Linux Administration (CentOS, Debian), Ansible Tower, OPNSense, PFSense, Meraki, OpenVPN, WireGuard, Nginx, Apache, Grafana, RabbitMQ, Postfix, SendGrid, CUPS, VMware ESXI, Nutanix, Data Center Ops.**

WORK EXPERIENCE

LEVANTINE.IO

San Francisco CA

Founder - July 2020 – Present

- **Please visit my portfolio at: [Levantine.io](https://levantine.io)**
 - I run a home lab where I play with new technology and test concepts.
 - I host one on one workshops where I introduce software engineering concepts to family, friends and anyone who is interested in getting into the field.
 - Help running a team of SJSU students with their senior software engineering final project.

BILL.COM

Palo Alto CA, San Jose CA

Software Engineer II - July 2022 – August 2023

- **Java Developer**
 - Create, expand and debug internal tools.
 - Selenium Test Automation with Java.

Notable Achievement:

1. Wrote complicated test cases for a feature that involved multiple asynchronous steps that are often 4 – 36 hours apart. The selenium code base at the time did not have precedent set to handle cases like this so I implemented solutions to make future test cases like this possible.

Site Reliability Engineer - April 2019 – September 2022

- **Site Reliability**
 - Participate in on-call schedules to troubleshoot and cross team deep dive production issues, filing incident reports and remediation plans to prevent the incident from occurring again.
 - Configure and manage monitoring, observability and alerting.
 - Configure and manage hybrid cloud infrastructure.
- **DevOps**
 - Develop and maintain Ansible Playbooks and Ansible Tower Pipelines.
 - Configure and troubleshoot Jenkins jobs that build and deploy applications.

- **Data Center Technician**
 - Racking, wiring and maintaining hardware in multiple data centers.

Notable Achievements:

1. Created an Ansible Tower template that simplified deployment of multiple microservices across different cloud and on-prem regions reducing hotfix deployment time from requiring 2 engineers 2 hours to deploy down to 15 minutes and one just one person to approve each check gate, reducing human error and increasing deployment confidence.
2. Wrote a python script that integrates with a deployment playbook to rotate AWS and On-Prem hosts in and out their respective load balancers (AWS Target Groups and F5 groups) eliminating downtime and by allowing connections to drain also eliminating potential for data inconsistencies.

TREEZ INC

Santa Clara CA, Fremont CA, Oakland CA

DevOps Engineer - September 2015 – February 2019

- **Site Reliability**
 - Participate in on-call schedules to troubleshoot and deep dive production issues to maintain SLA.
- **DevOps**
 - Develop and maintain internal tools and processes to streamline development.
- **Systems Administration**
 - Handle internal support needs such as provisioning laptops, servers, managing accounts, etc.
- **Field Technician**
 - Go onsite to customer retail locations to deploy and manage hardware and software as well as providing other basic customer support.

Notable Achievements:

1. Wrote a python script using the Boto3 library to perform a large VPC migration by collecting necessary metadata about each EC2 instance, backing each of them up to an AMI and redeploying them to another VPC saving anticipated hundreds of man hours.
2. Created a self-service portal that uses terraform templates to build fully functional environments using a few inputs that a Sales or Customer Success team member can plug in and quickly build an environment to demo or deploy. This enabled rapid sales and deployment.
3. Built a large internal library of scripts that performs health checks and auto restart or recover on important services which greatly reduced the number of incidents and customer complaints.

EDUCATION AND CERTIFICATION

AWS SysOps Administrator Associate	2024
AWS Certified Cloud Practitioner	2020
De Anza College	2015 - 2017
<i>Major: Computer Science</i>	
Evergreen Valley College	2012 - 2015
<i>Major: Computer Information Systems</i>	