

Vincent Marone

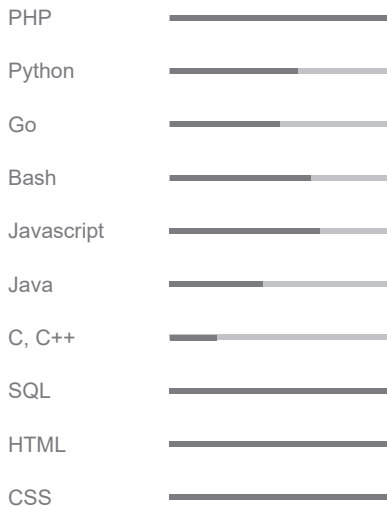
Software Engineer



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SKILLS

LANGUAGES



TECHNICAL

- Rest API Design
- Database Design
- Linux
- Ceph
- Qemu/KVM and Libvirt
- Vagrant and Packer
- Cloud-Init
- NodeJS
- Containers (Docker, Podman)
- Nginx
- Networking
- Ansible
- Puppet
- Mysql

TOOLS

- Git
- S3
- CI/CD Pipelines
- Webpack

CLOUD PROVIDERS

- Vultr
- Digitalocean
- Linode
- AWS

FRAMEWORKS

- VueJS
- jQuery
- Laravel
- Slim
- Django

EDUCATION

2018

Associate of Science: Computer Science

Brookdale Community College
Lincroft, New Jersey

ABOUT ME

Forward-thinking Software Engineer with background working productively in dynamic environments. I am able to quickly learn and adapt to new challenges as they are thrown at me regardless of the challenge. Proud team player focused on achieving project objectives with speed and accuracy.

WORK EXPERIENCE

Senior Platform Engineer

2021 - Present | Constant LLC / Vultr.com

- Redesigned and rewrote the Vultr backup system that handles all backups and manual snapshots for every customer virtual machine to be more performant and fault tolerant.
- Implemented an autonomous development environment for automated deployments of vms.
- Implemented and designed syncing of rbd images between ceph clusters.
- Took lead on creating a new product of block storage, which saw a 150% increase in revenue.
- Designed and implemented ceph backed storage as a disk storage option for vms.
- Wrote and maintain an open source php client <https://github.com/vultr/vultr-php>
- Performed code and design reviews that guaranteed code quality and allowed our junior members to learn and grow their expertise.
- Was the lead voice in starting the conversion to use PHP Namespaces.

Platform Engineer

2020 - 2021 | Constant LLC / Vultr.com

- Built a migration tool that interacted with ceph that transferred petabytes of data from 1 ceph cluster to another.
- Redesigned and refactored all ceph integration in the Vultr platform to be more performant.
- Built a process manager queue system that powers all PHP asynchronous scripts.
- Designed and implemented a rollback feature for frouting configs which decreased outage rates by 20%.
- Modernized parts of existing code base that interacted with virtualization layer for customer virtual machines.
- Decreased PHP errors by 85%, fixing many bugs along the way.

Software Engineer

2019 - 2020 | Constant LLC / Vultr.com

- Built a dashboard using VueJS, PHP, and NodeJS to filter out noisy alerts from Icinga for system administrators.
- Refactored an old user permission system to use bitwise operators.
- Built a generator that builds a sitemap for thousands of URL's to be scanned by web-crawlers.
- Designed and wrote a Real-time black hole scanner that scans large subnets against SORBS.
- Took lead on moving ticket image system from being stored in mysql to Vultr Object storage for a 30% decrease in the amount of data being stored in the database.