PETER VALDEZ
DEVOPS & PLATFORM ENGINEER

Astoria, Queens, NYC

ptr.vldz@gmail.com

(347) 494-0818

github.com/azlyth

EXPERIENCE

2018 - 2023 Shipyard, CTO, Principal Engineer

- **co-founded company**, raised two rounds of financing, grew company to 15 people (7 engineers)
- **built the entire initial MVP:** a Kubernetes-backed ephemeral environment deployment platform
- **created & managed entire engineering lifecycle:**
  - design meetings, tickets, sprints, automated and manual QA, deployment, retrospectives, 1-on-1s, "spacetime" meetings, roadmap, key rotations
  - diagrammed internal architectures using **Miro**
  - maintained **Notion** documentation
- **built core features all throughout my time:**
  - provision & maintain managed and self-managed Kubernetes clusters on **AWS, GKE, Azure** via **Terraform, Helm**
  - bunch of internal **Helm** charts
  - lots of **Python (Flask / SQLAlchemy)**
  - lots of shell scripting (**bash** or **sh**)
  - **Golang microservices**
  - nginx instances of all kinds
- jumped on **calls with customers whenever needed**
  - needed to jump into other customers' tech stacks and understand right away to help troubleshoot

2017 - 2019 Lucky Number 13, DevOps Consultant

- **self-hosted Jupyter notebook platform** for a machine learning company
- **Python web apps, Kubernetes deployments, GCP infra** for a modern 3D CAD company
- **Kubernetes**-backed **Python** backends for data ingestion platform for construction IoT company

2014 - 2016 Propellr, Head of Engineering

- Started as a backend engineer, ended up as Head of Engineering
- Worked on **CoffeeScript Angular frontend**, **Flask backend**, and **Ansible playbooks** to deploy to **AWS**

2012 - 2014 Happy Dogs NYC, Software Engineer

- Was the sole developer working on an internal operations management system for dog daycare chain
- **Django backend**, deployed to a **DigitalOcean VM**, served by **nginx** and **uWSGI**

2010 - 2012 Hunter College, System Administration

- One of six sysadmins who managed all of the Hunter College systems (**60k users**)
- Managed **DNS**, **Active Directory, LDAP, email, college website,** and many more
- Mostly **Ansible**, **shell scripts**, and **Python** for automation

2008 Morgan Stanley, Intern Software Engineer

- Modernized an internal website to load new data without refreshing (**AJAX / JS**)
- Worked with **C#, JS, XML, MySQL, ProtoypeJS**

EDUCATION

CUNY HUNTER COLLEGE
2009 - 2014
Bachelor in Computer Science

STUYVESANT HIGH SCHOOL
2005 - 2009
1.5 years of Computer Science

SKILLS

Infrastructure:
- Docker, Compose, BuildKit
- Kubernetes, K3s, Helm
- Terraform, Ansible
- GCP, AWS, Azure, DO
- CircleCI, GitHub Actions

Observability:
- Prometheus, Grafana, Alertmanager
- NewRelic
- Sentry

Application:
- Python 2 & 3
  - Django, Flask
- JavaScript, TypeScript
  - React, webpack
- Golang

System:
- Linux
- Makefiles
- bash, sh
- CLIs of all kinds

PROJECTS

Astoria Tech Meetup, Organizer
Local Queens tech meetup that I've run since 2018

Astoria Digital, Founder
Volunteer software engineers that built tools for local mutual aid group and other standalone data analyses during the pandemic

NYC Mesh, Founder
Donation-based community internet provider that uses commodity hardware to connect users to each other (1.2k nodes)