# Charles J. Magnarelli

+1(774)-222-2189 | magnarellic@me.com | Seattle, WA |  https://magnarelli.io

## Education

**Wentworth Institute of Technology | Class of 2020**
Bachelors, Computer Information Systems
**Notable Courses:** Systems Administration & Business Applications, Agile Project Management,
Computer Science I-III, File Systems

## Experience

**Infrastructure Engineer, KAYAK**                                                                      **Jan 2022 -  Present**
- Primarily responsible for the development and architecture of moving the company from VM based applications and mysql databases to modern containerization (Docker/Docker-Swarm) and Elasticsearch backends. *These technologies are production dependent and support approximately 30% of our revenue generating products.
- On-call Engineer, responsible for site uptime and revenue.
- Support the maintenance and expansion of multiple physical data centers around the world ranging from hardware, networking, power & coordination of remote hands.

**DevOps Engineer, Superpedestrian**                                                                **June 2020 - Jan 2022**
- Lead the design and development of highly-scalable K8's/EKS infrastructure across several AWS regions via IaC in conjunction with other supporting technologies.
- Implemented monitoring tools such as Prometheus/Grafana, SignalFX, and full ELK stack for better visibility in our infrastructure and business-operations.

**IT/Operations, KAYAK**                                                                                  **Jan 2018 - June 2020**
- Lead the design and renovation of the company's Tech-HQ. Improved audio & video, networking, and office automation systems.
- Orchestrated the deployment and build-out of JAMF as well as other IT-Automation systems.

**Technical Expert, Apple**                                                                               **June 2016 - Jan 2018**
- Partnered with clients to ensure their devices were performing as expected and answered any questions to make sure their needs were satisfied.
- Coordinated hardware and software repairs on Apple's machines, and escalated any feedback regarding issues observed during repairs.

## Skills

- Containerization
- Elasticsearch/ELK Stack
- AWS/GCP
- CNCF projects
- IaC - Puppet/Ansible
- Bash/Shell/Ruby/Python
- Risk Management
- Project management
- Agile methodologies
- Communication