Charles J. Magnarelli Jr.

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Education

Wentworth Institute of Technology | Class of 2020

Bachelor of Arts and Science in Computer Information Systems

Related Courses: *Systems Administration & Business Applications, Agile Project Management, Computer Science I & II.*

Experience

Infrastructure Engineer, KAYAK: **February 2022 - Present**

- Responsible for managing AWS infrastructure including web, RDS, Redshift, CDN, ELK, and other services.
- Researched and developed improvements to availability, scalability, and CI/CD pipelines of our Staging/QA/Production environments.
- Architected, implemented, and trained Software Engineering teams on newly implemented technologies such as OpenTelemetry, Kubernetes, RabbitMQ, etc.

DevOps Engineer, Superpedestrian: **June 2020 – February 2022**

- Developed a new NOC team between the DevOps/Release-Eng./NetOps teams to process workflows more efficiently.
- Maintained production performance of website operations.
- Utilized monitoring tools such as Splunk, Logic Monitor, Kibana, as well as homebrewed solutions.
- Managed infrastructure projects to keep internal systems such as Active Directory, Jira, Confluence high performing.

Operations Engineer Intern, Kayak Software Company: **January 2019 – June 2020**

- Maintained production performance of website operations.
- Oversaw monitoring tools, such as ELK Stack, Prometheus/Grafana, DataDog, LogicMonitor.

Technical Expert @ Genius Bar, Apple Inc.:   **June 2017 – January 2019**

- Partnered with clients to ensure their high-end devices were performing as expected, and answered any questions make sure the customer's needs are satisfied.
- Educated and provide proper feedback to properly support the growth of the business.

Skills

• MacOS/Unix/Linux	• Docker/Kubernetes	• Java/Python, HTML, CSS, React	• AWS/GCP & (some) Azure
• iOS/ACit Certified	• Puppet/Terraform	• Shell, Ruby	
• JAMF/LDAP/AD	• VMWare/Xen-XCPNG		