Nicholas Osaka

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(704) 649–1783

SKILLS

Infrastructure (Cloud): AWS EMR, EC2, ECS, S3, IAM, VPC, Lambda, KMS.

Platform Engineering: Terraform, Ansible, CI/CD, Linux Administration, Docker, Splunk, Dynatrace.

Data Engineering: Python, SQL, Tableau, Git, Bash, Hadoop, Spark, Data Warehousing.

Architecture: High-Availability patterns, Event-driven architecture, Semantic modeling.

PROFESSIONAL EXPERIENCE

Staff Data Platform Engineer   Apr 2026 – Present
The Hartford

- Technical and execution lead for the big data platform team, serving enterprise data teams.
- Driving reliability engineering change, including cost optimization initatives.
- Architected multi-region disaster recovery & resiliency patterns for the big data platform ecosystem, including persistent and transient EMR clusters, EMR Serverless, and platform application EC2 instances.

Data Platform Engineer   Aug 2024 – Apr 2026
The Hartford

- Drove several platform-wide initiatives, including platform version upgrades and migrations to open-source Python tooling.
- Maintained and improved a big data processing ecosystem consisting of 2+ 45+ node AWS EMR clusters running continuously, on-demand transient clusters, and 35+ Linux EC2 instances serving over 1500 users across 350 unique applications.
- Mentored and provided training to an associate-level team member on a 1 year rotation through our team.
- Managed a team of 4 interns, providing guidance for an observability & monitoring project (leveraging Dynatrace and Splunk) that supported 3 teams.

Technology & Operations Leadership Development Program Associate   Aug 2022 – Aug 2024
The Hartford

- Two year-long rotations in Data Platform Engineering and Solution Architecture teams.
- Enabled Amazon EMR Serverless functionality for internal customers, estimated ∼50% reduction in job run time and ∼30-40% reduction in compute spend.
- Led fact-finding and feature-definition meetings with key business and technical stakeholders to ensure deliverables pointed to appropriate solution for the business.
- Drafted architectural artifacts and deliverables through collaboration with senior architects and technical leads.

EDUCATION & CERTIFICATIONS

M.A.   Ethics and Applied Philosophy, University of North Carolina at Charlotte

Thesis: *Hermeneutical Dilution in Large Language Models: Epistemic Injustice, Language, and Statistics*

B.S.   Computer Science (*summa cum laude*), minor in Mathematics, Univ. of North Carolina at Charlotte

B.A.   Philosophy (*summa cum laude*), University of North Carolina at Charlotte

Amazon Web Services Certified Solutions Architect Associate (AWS-SAA-C03)

Amazon Web Services Certified Cloud Practitioner (AWS-CLF-C02)

HashiCorp Terraform Associate (HCTA0-003)