Isaac Campbell

PROFESSIONAL SUMMARY

6+ Years Working with Providing Software, Cloud, Infrastructure as Code, and Containerization Solutions

CONTACT INFORMATION

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TECHNICAL SKILLS

- **Cloud Services**: Azure, AWS
- **Configuration Automation**: Terraform, Ansible, Chef, AWS Cloud Formation, Puppet, Packer
- **Continuous Integration**: Jenkins, Azure Devops Pipelines, Github Actions, Buildkite
- **Deployment**: Azure DevOps Releases, Pulumi, Octopus
- **Databases:** Relational DBs (SQL, Postgres, MySQL) and NoSQL (MongoDB, DynamoDB, CosmosDB)
- **Container Orchestration**: Docker, Kubernetes (AKS, EKS), ECS, Fargate, Helm
- **Programming Languages**: Python, Java, C#, Delphi, Go, Bash, Powershell
- **Web Technologies/Tools**: REST, Django, Flask, HTML/CSS/Java Script, React
- **Methodologies and Planning:** Jira, GitOps, Waterfall, Agile
- **Package Management**: Docker Hub, Artifactory
- **Security**: Hashicorp Vault
- **Network Tools**: StrongDM, Cloudflare, Route53
- **Version Control System**: Git, Azure Devops Code, GitLab
- **Secure Remote Access**: ScaleFT, Wallix

EDUCATION

University of Northern Iowa Cedar Falls, Iowa
Bachelor of Arts: Computer Science
Certificate: Global Health and Humanitarian Assistance

CERTIFICATIONS

- **Currently Held:**
  AWS Solutions Architect - Associate

- **Currently Pursuing:**
  Certified Kubernetes Administrator

- **Past Held Certifications:**
  Associate Azure Developer Expert Azure DevOps Engineer

PROFESSIONAL EXPERIENCE

September 2023 - Present   **The Joy of Coding Academy/TechJoy - New Jersey**
Full Time - Staff SRE

Responsibilities:

- Led and inspired a talented team of developers, fostering a culture of innovation, collaboration, and excellence in development and operation of application development and creating platforms.
- Architected the transition of our company onto AWS, implemented networking, IAM protocols, and organization structures from the ground up, capturing configurations in Terraform for enhanced efficiency and scalability.
- Drove the strategic vision for development, implementation, and management across multiple projects.
- Collaborate closely with cross-functional teams, including development, product management, and security to define and implement reliable, secure, and scalable applications across client projects.
- In charge of monitoring and reporting on technology operational costs, while also initiating and executing budget optimization strategies for the technology department
- Drive operational excellence in operations and security processes by implementing AWS resources to carry out business critical operations at low cost to the organization.

- Successfully oversaw and executed five concurrent projects, leading a team of 31 direct reports to ensure seamless delivery, and presenting the deliverables to clients on a biweekly basis.
- Mentor and develop engineering talent, fostering a culture of continuous learning and professional growth within the site reliability engineering group
- Developed a versatile DevOps curriculum for learners of all levels.
- Created engaging projects and assignments to facilitate student learning and growth. Contributed to external client projects by managing tasks for junior learners, ensuring successful project outcomes.
- Supervised a group of bootcamp students, guiding them in real-world problem-solving.

March 2023 - August 2023   **Haven Technologies - New York, New York**
                                       Full Time - Site Reliability Engineer

Responsibilities:

- Experience in explaining complex problems and solutions to people inside and outside their domain of expertise
- Displayed ability to effectively cope with ambiguity and act without having the total picture while managing risk and uncertainty.
- Coordinated with multiple stakeholders to achieve desirable project outcomes without jeopardizing implementation/security integrity.
- Routinely showcased expertise in tools and methods to enable efficiency, automation and agility using Terraform, Docker, Kubernetes and others (Pagerduty, APM tools, Grafana/Influx, ELK)
- Deployed, supported and built infrastructure for highly distributed and scalable systems living in AWS
- Worked with tooling such as NGINX, RabbitMQ, PostgreSQL, Elastic Search, InfluxDB, Kafka, Vault.
- Triaged, troubleshot, and resolved production issues in a large distributed cloud environment.

Oct 2022 - March 2023   **Adiuvat Consulting - Weston, Connecticut**
                                       Consulting Devops - Real Time Streaming Stats

Responsibilities:

- Design and implement the lifecycle of Kubernetes Services and Pods that routinely get scheduled using Python.
- Create Blob Storage, CosmosDB and AKS resources using Terraform. These resources were deployed by Azure Devops Pipelines.
- Incorporate Blob Storage, CosmosDB, and AKS resources into the organizations hub-spoke network model.
- Provided solution to stream data into dynamically created Kafka topics. Familiar with producers, consumers, and brokers.
- Reduced waste by condensing 8 similar pipeline formats into a template for a one-size-fits-all CI testing pipeline, resulting in a faster time to create new app pipelines

July 2022 - October 2022   **Bloom Credit - New York, New York**
                                       Full Time - Platform Engineer

Responsibilities:

- Manage lifecycle of applications deployed to AWS EKS using Argo and Helm
- Experience with Istio Service Mesh to implement traffic management and monitoring
- Manage AWS infrastructure using Terragrunt
- Realized that mission-critical network EC2s lacked reliability and dove headfirst into the project, resulting in those EC2s having proper fail-safes, scaling capabilities, and metric reporting.

October 2020 to June 2022   **Amount - Chicago, Illinois**
                                       Full Time - Site Reliability Engineer

Responsibilities:

- Lead the following projects: Roll out Terraform Enterprise, Move from ScaleFT to Wallix, AWS Account Migrations, and Routine Kubernetes Upgrades.
- Created internal tools Glados and Platter using Python to obtain critical information from Jenkins and S3 Buckets.
- Created dashboards in Datadog to report EKS cluster metrics so we could tune our clusters to prevent overprovisioning.

- Led routine maintenance against critical business infrastructure.
- Drafted and implemented solutions to long-running infrastructure issues.
- A key asset in communicating project deadlines, ticket progress, and ad-hoc issues across teams like Data, Security, IT, and Engineering.
- Led efforts to maintain clean infra and pipeline source code. ▪ Set a high standard on our teams to deliver optimal, reliable, and resilient infrastructure.
- Provided evidence through LogicGate for external assessments for NIST CSF, PCI, CCM, SOC2 compliance.
- Displayed in-depth knowledge of current infrastructure by solving, navigating, and writing postmortems during on-call.
- Trained new members, equipping them to generate work at a steady and sustainable rate.

June 2019 to October 2020   **YASH Technologies - Moline, Illinois**
Full Time - Junior Devops Engineer

Responsibilities:

- Worked closely with vendors like John Deere, ServiceLink, SoftPro, and FrankCrum to provide software solutions
- Achieved Continuous Integration/Delivery/Deployment with Azure Pipelines. ▪ Connected Azure Pipelines with Octopus Deploy server which would deploy artifacts onto an Azure Kubernetes Service
- Created Docker Images of C# Microservices that were to be stored in an Azure Container Registry that were to be used in the Azure Kubernetes Service
- Monitored and was responsible for maintaining the state and health of the Azure Kubernetes Service in multiple contexts
- Daily meetings with AWS team that was developing a parallel solution
- Spearheaded design for data structure and infrastructure
- Able to efficiently communicate Azure and AWS services to other team members ▪ Developed a solution to transmit real time data from an endpoint using and perform ETL on data. ▪ Delegated the invitation and deletion of users in the Active Directory and was responsible for guest user's permission in Azure Active Directory.
- Designed and implemented solutions with CI/CD pipelines in order to automate processes for users to create, build, and deploy products through the cloud with little interaction needed
- Worked extensively with Azure Resources such as Logic Apps, Azure Functions, Key Vaults, Managed Identities, and Virtual Machines
- Automated creation and queuing of build pipelines using PowerShell and Azure Rest API
- Responsible for keeping resource costs within the budget
- Automated creation of Azure Databricks as well as Logic Apps, Functions and Cosmos DB through on premises Azure DevOps Server

Summers of 2016 to 2018   **Vision Works, Inc Cedar Rapids, Iowa**
Internship - Software Developer

Responsibilities:

- Created application API's using Delphi 2010
- Delivered research results of inserting, updating, and querying comparing PostgreSQL vs MySQL ▪ Excelled in SQL triggers, stored procedures, and data security