



Matthew Kaelber

Cloud Expert

<https://kaelber.cloud>

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Innovative cloud engineer aspiring to securely automate machine efficient and human friendly applications. I am passionate about all things DevOps, knowledgeable in Scrum with an agile mindset, and experienced in full stack development.

Experience

Insight Global, Cincinnati, OH

DevOps Engineer, May 2024 - Present

- Integrating software with Conan and CMake as well as various scripting in Python, Bash, and Ansible playbooks
- Delivering software via GitLab to Artifactory and deploying with Helm charts onto a Kubernetes cluster

Altamira Technologies Corporation, Fairborn, OH

Software Engineer, January 2022 – February 2024

- Facilitated a lead role on various projects and achieved successful results within time constraints
- Automated CI/CD pipelines with GitLab & Jenkins, administered cluster architecture with Kubernetes using: Helm, Istio, Docker, & Bash, and administered an OpenShift cluster with Ansible on AWS EC2 instances
- Produced artifacts during all lifecycle stages: Binaries during build, results during unit and integration testing, coverages during static code analysis with SonarQube, and CVEs using both Trivy and Anchore
- Maintained data integrity with a range of data stores: Postgres, MongoDB, and ElasticSearch
Managed each data store using pgAdmin, mongo-express, and Kibana (respectively)
- Developed a wide variety of applications using modern OOP languages and frameworks/libraries: C++ with Boost, Java using Spring MVC, FastAPI & Flask apps in Python, lastly with NodeJS using Angular, Vue & Express

Société Internationale de Télécommunications Aéronautiques (SITA), Dayton, OH

Software Developer, July 2018 – January 2022

- Accomplished a complete product rebranding, namely: Voice Gate Agent (VGA) by collaborating with entirety of several teams across the organization and received award recognition
- Provided global cloud-based solution systems for the air travel industry using Microsoft enterprise services
- Deployed pipelines and releases in a CI/CD manner using Azure DevOps (ADO)
- Applied infrastructure as code (IaC) by incorporating Helm and Terraform in a dedicated repository that installed services to an Azure Kubernetes Service (AKS) cluster
- Developed web applications in Blazor, backend APIs in C# using the latest .NET Core SDK, and ensured data storage with both Azure SQL Database and SQL Server 2019

Cincinnati Bell Technology Solutions, Cincinnati, OH

Software Developer, March 2017 – July 2018

- Developed role-based web applications for multiple operating systems for the commercial HVAC industry
- Collaborated directly with account managers at customer facility for day-to-day development and transformed complex business requirements into final software deliverables
- Published MS build packages via Internet Information Services (IIS) written in C# with MVC design patterns using ASP.NET within Visual Studio
- Elegantly mapped objects and bound model using entity framework, persisted data with SQL Server 2014

Intelligrated (A Honeywell Company), Mason, OH

Project Software Engineer, January 2015 – November 2016

- Commissioned conveyor systems for distribution centers throughout the United States
- Traveled heavily to customer facilities to ensure software met acceptance of both warehouse management systems (WMS) and warehouse control systems (WCS)
- Generated configuration and developed custom code in C++ for effectively all I/O points of a conveyor system and maintained site data with SQL Server 2008R2/2012
- Manually racked and installed Windows servers in a clustered environment

Certifications

- Security+, CompTIA
- Certified Kubernetes Application Developer (CKAD), Cloud Native Computing Foundation (CNCF)

Hobbies, Interests, and Miscellaneous

- United States Parachute Association (USPA) Static Line Instructor (SLI) & C-Licensed
- National Association of Underwater Instructors (NAUI) Advanced Diver & Nitrox Diver
- Avid kite-boarder
- Motorcycle enthusiast
- Investing & finance
- Able to travel if required – Global Entry/TSA PreCheck

Education

The University of Toledo, Toledo, OH

Bachelor of Science, Computer Science and Engineering Technology, December 2014

- Received dean's list during all semesters of the final year