Justen Walker

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Current role	Sr. Staff Software Engineer at Stoke
Technologies	AWS, Docker, Java, Go, Airflow, Terraform, Ansible

I want to work for a company that...
... values cutting-edge technology, encourages innovation, and provides opportunities to work on complex and impactful projects.

Work experience

Sr. Staff Software Engineer, Stoke 🏢
Nov 2022 – Present (1y 4m)

`AWS` `Docker` `Java` `Go` `Airflow` `Terraform` `Ansible`

- Authored 5 contributions to the AirByte Platform open-source software to enhance platform stability.
- Managed back-end infrastructure using Go programming language to support the platform effectively.
- Developed back-end services facilitating data transfer from customer sources to our warehouse.

Sr. Staff Software Engineer, Artica 🏢
Oct 2021 – Nov 2022 (1y 1m)

`AWS` `Docker` `Go` `Terraform` `Ansible`

- Established AWS Cloud Infrastructure and Organization Structure.
- Enhanced security by implementing access to VPC resources with HashiCorp Boundary and TailScale, safeguarding sensitive data and services.
- Utilized Terraform to define AWS infrastructure requirements as code and applied them through Terraform Cloud to prevent manual errors leading to outages.
- Developed libraries and documentation for seamless End-to-end observability using OpenTelemetry and DataDog.
- Streamlined onboarding by automating group membership and access provisioning via AzureAD and Terraform, reducing onboarding times from days to minutes.

Principal Software Engineer, Walmart Global Tech 🏢
Oct 2019 – Oct 2021 (2y)

- Responsible for creating controllers and tooling for Kubernetes to support Walmart's Container Native Platform (WCNP).
- Developed many CLI utilities in Go and created a process for fully-automated end-to-end testing of controllers using Kind, Ansible, and Argo Workflows.
- Contributed to open source projects that we use.

Principal Software Engineer, Jet.com 🏢
Sep 2015 – Oct 2019 (4y 1m)

- Operated cloud services in Microsoft Windows Azure and was responsible for site reliability and monitoring.
- Lead the Microservice Platforms team, where we used Docker and Nomad, and automated server configuration and maintenance.
- Created tooling in Go to support the Cloud platform.

DevOps Engineer, Skubana ▦   Dec 2014 – Sep 2015 (9m)

- Responsible for cloud design/architecture in Amazon AWS, site reliability and monitoring, and build/release management.
- Worked on back-end systems programming using Java and Spring.

Software Engineer, COOLS.com ▦   Jan 2012 – Nov 2014 (2y 10m)

- Responsible for system operations, build, and software architecture.
- Designed, developed, and maintained the website, managed Amazon EC2 Linux instances and associated services like S3 and Cloud Front.
- Migrated SCM from Subversion to Git.
- Developed Puppet scripts to help manage and scale infrastructure, designed and developed RESTful APIs, and made architecture changes and road-map decisions.

Technical Analyst, Credit Suisse AG ▦   Jan 2008 – Jan 2012 (4y)

- Developed an inventory management and support system in C# and ASP for global usage.
- Standardized a packaging method for deploying a business intelligence application and customizations and created a process for tracking deployments to environments.
- Documented many processes in an effort to hand over responsibilities to other team members.

Technical Consultant, NJIT Residence Life ▦   Oct 2006 – Jun 2009 (2y 8m)

- Maintained the databases and assisted with room selections.
- Developed web applications for use by students and faculty and created a desk management system to allow staff to schedule time.
- Created a payroll tracker to assist with payroll reporting.

Education

New Jersey Institute of Technology

BS (3.95/4.0) Compute Engineering

Snippets

GopherCon 2020 Talk – Windows API 🔗 **www.youtube.com**
I gave a talk at GopherCon 2020 about programing against the Windows API in Go; a talk that was well received and exposes some nuanced coding practices that I had to research extensively.

Full Code Available

github.com/justenwalker/
gophercon-2020-winapi

More about me

I like to work with people who...

... share a passion for technology, champion quality and craftsmanship, and stay humble and kind.

I want to work for a company that...

... values cutting-edge technology, encourages innovation, and provides opportunities to work on complex and impactful projects.

Interests

Snowboarding, SCUBA diving, Learning Japanese