ISAAC JOHNSON

Schooner Court, Woodbury MN, 55125 ✉

isaac@freshbrewed.science ✉

EXPERIENCE

- **Jan 2022 - present**
Principal Software Engineer (SRE Architect) at **Wellsky** - *Overland Park, KS*
Principal Architect over SRE Squad (3 Scrum Teams) for Wellsky Home Health and Hospice Product lines. Focus on Azure DevOps, On-prem deployments, Ansible, Artifactory, NewRelic Monitoring (from Sumo). Pivot to Focus on GCP migration (On-prem/AWS).
    - March 2022 - Oct 2022: Interim Software Director/Delivery Manager over Feature Squad (3 Scrum Team; US, India, and Argentina) (in addition to Architect role)
    - March - Wellsky Home Culture Award for High Performance
    - Handled high priority Subpoena(s) (Grand Jury request(s))
    - Point person on full GCP Migration for one BU, key resource for another
    - Part of Diversity and Inclusion working group (DEI)
    - Point on SkyDev Studio (Learning Series) for DevOps and TechTalks (two different Studio series)
    - Presented 15m Lighting Talk (mgmt; PunchUp, LiftDown) and 2 Hour Azure DevOps Workshop at DevDays 2023 internal conference
    - Help Azure-based BUs with updates (e.g. AKS)

    Recently added in Personal Care unit, Datadog Monitor, Ansible AWX configurations.

- **Jul 2021 - Jan 2022**
Principal DevOps Engineer (Cloud Solutions Architect/Devops Architect) at **CH Robinson** - *Eden Prairie, MN*
Focus on North Europe Migration Effort with Artifactory Backups and Restore. Ansible Playbook support. Support for Software Teams primarily in Jenkins using Octopus. Ansible Playbooks for Operational Updates (Timezones, etc). Created and presented a course on Kubernetes to EU and US teams. Worked on APM and Logging suite evaluations for Enterprise Architects. Supported end users in Kubernetes. Engaged and worked with Cloud Team on Terraform updates (Atlantis).

- **Sep 2019 - Jul 2021**
Principal Software Engineer (Azure DevOps) at **Medtronic** - *Mounds View, MN*
Support Azure DevOps for all Carelink R2 (Cloud) activities with a focus on "right side" containerization, deployment, secrets propagation, builds for .NET and Java, user support. Assist Architecture team on a variety of projects (Metrics, Dashboards). Work with other CRHF teams in their

SKILLS

The Clouds and Kubernetes

- I have many guides on my freshbrewed.science blog covering how to install and manage k8s on AWS, GCE, Azure, Digital Ocean, Vultr and Linode. I've presented on GitOps and CICD at conferences such as Open Source North. I'm fairly savvy on the differences between the mainstream cloud providers and how to implement robust Kubernetes solutions.

People Management

- Manager of both Senior (Staff) engineers and junior (Intern/SEs).
A Focus on GSD (get stuff done) - applying Agile/Waterfall and mixed methodologies.
A Focus on ROI - With 20+ years experience, I bring a wealth of knowledge to know when to purchase and when and how to create.
Servant Leadership - A good manager enables their team to succeed. That has meant Technical Leadership (PTC), Technical and Career (Vital) and Big Picture/Project and

projects (Reports and Metrics for Security, Sonarqube for OneApp, builds for Rhythm). As team reduced to effectively one, sole supporter for all builds/build setup for CL R2 while liaised in with MLife Infrastructure team to support Infrastructure both on-prem and in the clouds (AWS, Azure).

- **Jun 2018 - Sep 2019**
  Cloud Solutions Architect and Delivery Manager at **Ahead** - *Chicago, IL*
  Brought in as Cloud Solutions Architect with DevOps and AWS Experience to focus on Azure DevOps and Azure microservices implementation at Medtronic.
    - For first year focused on Medtronic CareLink future release including setting up Azure DevOps, TFS Migration, Kubernetes implementation and Terraform IaC support. Additionally, during this duration sought and got Azure Cloud (70-535) and Hashi Vault Intermediate certifications.
    - From May 2019 on, also served as Delivery Manager focusing on delivering automation solutions to Midwest region which included resource planning, contract write ups (SOW, WBS), and workshops.
        - This included an AKS Foundation implementation at Medline with AAD RBAC
        - and a similar AKS and DevOps workshop with the University of Minnesota Center for Farm Finance Management.
        - I've also lead an Azure Inno Days at Microsoft campus in the Twin Cities and been at the center of devops calls and scoping discussions with many other potential customers ranging from automotive to beauty supply companies.

- **Aug 2017 - Jun 2018**
  CICD Lead - Cloud Center of Excellence at **ThomsonReuters** - *Eagan, MN*
  Manage 4 directs with CICD Focus utilizing AWS. Tightly connected to CO (Continuous Ops) team. 50/50 on Technical Leadership/Coding and People leadership (reviews, feedback, guidance).
  Accomplishments:
    - Lead team through Agile Dojo (first in COE) to develop cloud-centric full app deployment (e.g AWS Codepipeline/ALBs).
    - Implement Gitflow.
    - First lead/manager in COE to get AWS Certified (AWS Solutions Arch Associate)..
  Cloud Center of Excellence is a 30+ group focused on helping TR migrate existing infrastructure to the cloud by way of training, templates, POCs, AWS (and some Azure) expertise.

- **Aug 2017 - Aug 2017**
  Senior SCM Engineer at **Intuit (TurboTax)** - *San Diego, CA*
  SCM And Tools - CICD Team (AWS) [CFN/EC2/Go/Clojure].
  Central Tech Organization (CTO) SCM - Build/SCM/DevOps team (reduced from 4 to 1) [Internal

Career (Applied Bio/Life Technologies)

DevOps, SRE, and Software Configuration Management (SCM) - All Of It.

- From Linux, Mac, Windows as well as Mobile Cloud, Most build systems, most Source Code Control (revision control systems), most installers and many deployments systems and models.

CERTIFICATIONS

- **Apr 2021 - Apr 2023 (now Apr 2024)**
  Certification: Azure AZ-104 - Azure Administrator
- **Mar 2019**
  Certification: Hashi Vault Intermediate
- **Oct 2018 - Feb 2020**
  Certification: Azure MCP - 70-735 Architecting Microsoft Azure Solutions
- **Jan 2018 - Feb 2020**
  Certification: AWS Certified Solutions Architect - Associate

Cloud/P4/GIT/NODEJS/MAVEN/JENKINS]
Build systems and tools to support all levels of Tax software

- **Apr 2011 - Mar 2014**
  Staff SE (SCM) at **Novatel Wireless (now Inseego)** - *San Diego, CA*
  MiFi Builds and Releases - All Product Lines [P4/SVN]. Supported
  entirely JIRA / Ticketing System migration (All). Managed Hosted
  Atlassian, AWS (CloudFront/S3) [backend for MiFi Updates]

- **Dec 2009 - Apr 2011**
  Software Configuration Management at **PatientSafeSolutions** - *San Diego, CA*
  Build and Release (migrate from Bamboo to Hudson/MVN/Ant).
  Migration of MySQL/Ubuntu to Postgres/CentOS, P2V. Builds and
  Releases: Automated iOS builds w/ simulator and dev provisioning.
  Enterprise distribution, OTA deployments. JIRA, Support Sales with
  Demo setup.

- **Jul 2009 - Dec 2009**
  Manager (SCM Dept) - 6m contract at **Life Technologies (Applied Biosystems)** - *Foster City, CA*
  Build Farms and Subversion, ESXi, Windows builds and installers.
  Resource Management of 4 Staff Engineers over multiple Genetic /
  Biotech systems (e.g. Genetic Analysis, Mass Spectrometers). *I opted to not renew/flip to move to San Diego*

- **Sep 2008 - Jul 2009**
  Manager/Lead (SCM) at **Vital Images (GE)** - *Minnetonka, MN*
  Cost Saving Migrations - P4 to Subversion, Some CC UCM to
  Subversion. BuildForge to CruiseControl .NET/NANT. P2V systems
  (ESX on small in-house datacenter). Started as Manager of Vital
  Infrastructure group (5+) but changed to Lead in 2009 when cutbacks
  reduced org and merged with Shared Services team.

- **Dec 2005 - Sep 2009**
  Group Lead (SCM and Tools) at **PTC/Windhill** - *Arden Hills, MN*
  SSE of Tools, Promoted to GL (4/06). In charge of multiple SCM Tools
  related to CMMI/Process management in support of PDM/PLM Windchill
  tools (Java). Systems in PHP, Java, Perl with AJAX, MySQL (LAMP).
  Ticketting in Siebel CaRDS, VersionOne.

- **Oct 2004 - Dec 2005**
  SCM Software Engineer at **GMAC RFC** - *Bloomington, MN*
  Lead Installation project for AssetWise Direct, PDO Installers into
  Installshield X. Manage builds systems for PDO (VisualBuild,VSS,
  VisualStudio 6.0, VS .NET 2002/2003). Chief "install guy"*12/2004 to 8/2004 contractor, flipped to FTE*

- **May 2000 - Oct 2000**

Intern SE at **WestGroup (now ThompsonReuters)** - *Eagan, MN*
ASP Pages talking with SQL Server. Moved into COM/COM+ programming with XML middle tier. *Summer Internship*

- **May 1997 - May 2000**
  Intern SE at **ICEM Technologies (Control Data Corp)** - *Arden Hills, MN*
  UNIX (SGI/CD Cyber 950, IRIX 5.3/ 6.3) - ICEM DDN in Fortran 77, some C/C++. System Builds. Left after company purchased by PTC. *Internship*

EDUCATION

- *1998-2001:* - **University of St. Thomas** - St. Paul, MN
  Bachelor of Quantitative Methods and Computer Science (QMCS): achieved

- *1996-1998:* - **Michigan Technological University** - Houghton, MI
  Bachelor of Computer Science: (transfered)

Date Generated: 11/14/2023 :: Version: 4.10.1