

# ADAM BAIRD

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## Professional Summary

Seasoned DevOps Consultant / Engineer with demonstrated excellence supporting, automating, and optimizing critical cloud infrastructures across Azure, GCP & AWS.

## Skills

- Team Leader / Player
- AWS, GCP & Azure Environments
- Git, SVN, Perforce Version Control
- Cloud & On-Prem Infrastructure
- CI / CD Automation Pipeline
- Kubernetes & Docker
- Certified Scrum Master
- PCI, SOC2, HIPAA secure networks

## Work History

### DevOps / Cloud Infrastructure Engineer

Sep 2019 - Current

Brain Surprise LLC

Vancouver BC (remote) , Based in San Francisco, CA

Brain Surprise is a online tech development consultancy offering services to medium and large startups & companies.

- Built entire CI/CD workflow for a AI-Powered Policy enforcement startup leveraging Github, CircleCI, Kubernetes, Production / Stage environments and all the associated CloudFormation Scripting for deploying customer AWS-accounts
- Optimized Delivery Pharmacy Company production database cutting memory usage nearly 95% and extensive DB index and query plan work resulting in nearly 70% lower query response times
- In Response to Covid-19 & Leveraging AWS, Built Secure Cloud-Workspace network & environment for HIPAA-compliant Medical Research Startup
- Ongoing Regular consulting & support for clients

### Technology Consultant

May 2017 - Current

Gruff Technology

Vancouver (remote), Clients in NY,TX,CA

- Infrastructure Engineer for New York-based Real Estate Startup making commercial real estate property data a ton easier to work with
- Cloud Storefront Technology consultant & management for an online women's undergarment boutique
- Supported infrastructure for a documentary about AI website being seen by all major news outlets (FOX, NBC, ABC, & CBS), plus online social media (Twitter, Reddit) during their big PR push
- Advised on design, planning and implementation of Networking, Storage, and Broadcast projects at Rooster Teeth

## Work History (Continued)

### Director of Technology

May 2011 - May 2019

Rooster Teeth Productions

Austin, Texas

- Lead Development Team for our in-house SVOD platform. Experienced in high traffic architecture design, Amazon Web Services, docker, ECS, automation via ansible & cloudformation, Debian/Ubuntu, RHEL/CentOS/Fedora, PHP, Go, Rails, Python, and with agile development and devops methodologies.
- Lead operations team for Rooster Teeth Storefront –handling millions in revenue every month.
- Developed several pipeline, internal tools, HRIS, review systems & automation still in use today.
- Responsible for media storage networks housing 20+ petabytes of data across cloud, NAS, and LTO archive libraries. Experience with Isilon, NetApp, GBlabs, Qumulo, Overland LTO
- Responsible for keeping company networks secure & compliant with Microsoft's partner security requirements. Experience with Palo Alto, Cisco, Fortinet, Arista, Brocade, and Dell Networking

### Senior Systems Engineer

Jan 2007 - May 2011

Ignite360

Austin, Texas

- Supported a range of web based services such as Websites, Email, Media Distribution, Television Commercials, Email Servers, Antivirus, System Backup
- Reviewed and analyzed security logs to determine and alleviate network threats. Regularly would work to mitigate cyberattacks & DDOS targeted against faith-based organizations
- Handled scripting tasks for debugging and automation using Python, PHP, Bash
- Implemented network security equipment ,including firewalls, two-factor authentication, and anti-virus software, for networks supporting 25,000+ users
- Participated in on-call rotation to support internal employees, our customers, and their audiences
- Built out monitoring platform for all network operations & key performance monitors, including monitoring

## Certifications

- MPPIA Motion Picture Industry Orientation
- Scrum Alliance Certified Scrum Master

## Education

### High School Diploma

2006

Leander High School

Leander, TX

- Computer Technology Career Passport - Basic training necessary to disassemble, diagnose, and repair malfunctioning computers, as well as gave me the education necessary to pass Certifications Network+, and A+
- Computer Science Career Passport - The CSCP introduced me to programming languages such as Java, Perl, C++, and PHP. These classes gave me the knowledge to write software for a multitude of systems administration tasks

## Technobabble Section

This is a weird section. I always say I am going to remove it and then never really do.

First know this -- I consider myself a problem solver and someone with an unsatisfiable hunger for learning new things. I am a generalist at my core, and an empathetic communicator with my coworkers. I thrive in an environment where I can actively search for obstacles and find ways to remove those obstacles for others. I also like using the right tool for the job -- which means over the years, I have used a lot of tools.

It is safe to say that if you are reading this section to find the handful of keywords that you are looking for before passing this resume along -- Hopefully, you find them. But rest assured if you do not, I would be eager to learn it quickly. And if you are reading this section because you are genuinely interested in this stuff -- I have bolded my preferences. Feel free to ask me why in an interview. 👍

- Languages: bash, node, ruby, **python**, go, php, java, and about a dozen others.
- Version Control: SVN, **Git**, Perforce, **Github**, Gitlab, AWS CodeCommit
- Change Management: Chef, Puppet, Salt, **Ansible**.
- Containers: Docker, Swarm, Kubernetes, AWS CDS.
- Monitoring: Nagios, Zabbix, Prometheus, CloudWatch, New Relic, Datadog
- Authentication: Auth0, OKTA, LDAP, AD, Radius.
- Logging: **ELK**, Graylog, **Splunk**, Papertrail, loggly.
- CI/CD Platforms: Jenkins, **CircleCI**, Drone, Github Actions
- Clouds: Azure, **AWS**, GCP, Rackspace, Heroku
- AWS Keywords: **EC2**, ALB/ELB/CLB's, Lambda, SES, S3, Glacier, RDS, ElasticSearch, ElasticCache, DataSyncc, VPC, CloudFront, Route 53, CodeCommit, CodeBuild, CodeDeploy, CodePipeline, Cloud9, CloudWatch, OpsWorks, ElasticTranscoder, MediaConnect,MediaConvert, IAM, Cognito, SNS, SQS, WorkSpaces, WorkDocs, GameLift
- GCP Keywords: Compute Engine, App Engine, Cloud Storage, FileStore, Cloud BigTable, Memorystore, Cloud Armor,Cloud CDN, Cloud DNS, Cloud Load Balancing, Google Kubernetes Engine, Container Registry, Container Security, Container Options, Cloud Build.
- "OS Agnostic" –Windows & **Linux** servers, developer / engineering environments on OSX.
- Linux – Alpine, RedHat RHEL, CentOS, Fedora, Debian, Ubuntu, BackBox.
- Windows Server from NT, 2000, 2003, 2008, 2012, 2016 and 2019. (all of them)
- OSX: Yes. (specifically Snow Leopard ~2009 onward).
- Webservers: Apache, **Nginx**, IIS, Tomcat, Lighttpd, Caddy, Unicorn, Tornado
- Databases: MySQL, **PostgreSQL**, Oracle, MsSQL, AWS Aurora
- Mail: Postfix, Qmail, Exim, Mailscanner, but really please just use Gsuite or Office365 these days.
- Storage: EMC Isilon, GB Labs Space, Apple XServe, Unraid, AFP, NFS, CIFS/SMB
- There is a lot more tech, but I probably shouldn't go past a single page of technobabble.