

James Brink

Phoenix, AZ
(480) 410-1846
brink.james@gmail.com

I specialize in infrastructure as code, AI/ML integration, and building highly efficient, fault-tolerant environments using modern DevOps practices.

EXPERIENCE

Infosys, iCETS Department, Remote Oct 2023 - Present

Technology Architect

Technology Architect in R&D-focused department, incubating NextGen services and offerings. Building technology capabilities to accelerate innovation in AI & ML, cloud technologies, and advanced analytics. Pioneering agentic AI workflows and LLM tooling integration.

Quanttierra, Remote Sep 2023 - Present

Principal Consultant

Building and maintaining a quantitative real estate platform for NYC property analysis. Developed dealflow automation, AI-powered document processing, geocoding services, and data scrapers using Rails, Go, Python, and React.

NFTCO/Unblocked, Remote Aug 2022 - Apr 2023

Site Reliability Engineer

Maintained AWS infrastructure and CI/CD pipelines. Reduced operating costs by 45% through infrastructure optimization. Built custom Prometheus exporters and optimized GitHub Actions with self-hosted runners.

Blockfolio/FTX, Remote Nov 2020 - Aug 2022

Site Reliability Engineer

Maintained AWS infrastructure for event-driven applications. Managed large-scale data with InfluxDB. Led infrastructure security initiatives and attack mitigation.

Synapse Studios, Tempe, AZ Jan 2020 - Oct 2020

Director of Infrastructure

Designed modular Terraform infrastructure for AWS. Managed 15+ customer AWS environments with custom monitoring and CI/CD pipelines.

Solid Command Inc, Phoenix, AZ Aug 2019 - Aug 2022

Director of Infrastructure

Built private cloud on bare metal using Apache CloudStack. Infrastructure as code with Ansible, Terraform, Packer, and Docker.

Kadima Ventures, Phoenix, AZ Dec 2017 - 2019

CONTACT

brink.james@gmail.com
(480) 410-1846

GitHub
LinkedIn
jamesbrink.me

TECHNICAL EXPERTISE

Docker, Terraform, Ansible
Packer, AWS, Kubernetes
Prometheus, InfluxDB
Apache CloudStack
CI/CD, Linux, NixOS

AI/ML:
Agentic AI
Agentic Workflows
LLM Tooling
AI-Augmented Dev

EDUCATION

Certification, CCNA
Cisco Systems - 2007

Diploma, Network Switching Systems
General Dynamics - 2001

Diploma, Satellite Communications
Department of the Army - 2001

LANGUAGES

Python
Bash
Ruby
Go
Rust
Nix

Director of Infrastructure

Promoted from SysOps/DevOps to Director. Led operations team, managed AWS/Kubernetes infrastructure. Automated pipelines to drastically reduce deployment times.

GoDaddy, Gilbert, AZ

Sep 2015 - Nov 2016

Site Reliability Engineer

Progressed from Systems Administrator to SRE. Managed mixed Windows/Linux environments, mitigated network attacks, automated operational tasks.

Edward Jones, Tempe, AZ

Jan 2008 - May 2015

Systems Administrator II

Managed enterprise applications in mixed Linux/Windows environments. Application deployment, incident response, and infrastructure troubleshooting.

OPEN SOURCE PROJECTS

MCP NixOS — *Creator*

Model Context Protocol Server for NixOS resources

nxv — *Creator*

Blazingly fast CLI for finding any Nix package version

Envisaged — *Creator*

Effortless Gource Visualizations with Docker

Docker OpenGL — *Creator*

Mesa 3D OpenGL Software Rendering in Docker

ComfyUI Nix — *Creator*

Nix flake for ComfyUI with curated custom nodes

brinkOS — *Creator*

Arch-based Linux distribution for Engineers

Essex — *Creator*

Docker project template generator in Rust