James Brink

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

Infrastructure & AI/ML architect building fault-tolerant systems with modern DevOps practices.

EXPERIENCE

Infosys, iCETS, Remote   Oct 2023 - Present

Technology Architect

R&D department incubating NextGen services. Building AI/ML capabilities, pioneering agentic workflows and LLM tooling integration.

Quantierra, Remote   Sep 2023 - Present

Principal Consultant

Quantitative real estate platform for NYC property analysis. Dealflow automation, AI document processing, geocoding services.

NFTCO/Unblocked, Remote   Aug 2022 - Apr 2023

Site Reliability Engineer

AWS infrastructure and CI/CD. Reduced costs 45%. Custom Prometheus exporters, GitHub Actions optimization.

Blockfolio/FTX, Remote   Nov 2020 - Aug 2022

Site Reliability Engineer

AWS infrastructure for event-driven apps. Large-scale InfluxDB management. Security and attack mitigation.

Synapse Studios, Tempe, AZ   Jan 2020 - Oct 2020

Director of Infrastructure

Modular Terraform for AWS. Managed 15+ customer environments with monitoring and CI/CD.

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

Director of Infrastructure

Private cloud on bare metal with Apache CloudStack. IaC with Ansible, Terraform, Packer, Docker.

Kadima Ventures, Phoenix, AZ   Dec 2017 - 2019

Director of Infrastructure

Promoted to Director. AWS/Kubernetes infrastructure. Automated pipelines for faster deployments.

GoDaddy, Gilbert, AZ   Sep 2015 - Nov 2016

Site Reliability Engineer

Systems Admin to SRE. Mixed Windows/Linux environments. Network attack mitigation, automation.

Edward Jones, Tempe, AZ   Jan 2008 - May 2015

Systems Administrator II

Enterprise applications in mixed environments. Deployment, incident response, infrastructure.

OPEN SOURCE

MCP NixOS — Model Context Protocol for NixOS **nxv** — Fast Nix package version finder
Envisaged — Gource visualizations in Docker **Docker OpenGL** — Mesa 3D software rendering
ComfyUI Nix — Nix flake for ComfyUI **brinkOS** — Arch-based Linux distro **Essex** — Docker project generator in Rust

TECHNICAL SKILLS

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

AI/ML:
Agentic AI, LLM Tooling
Agentic Workflows
AI-Augmented Development

LANGUAGES

Python, Bash, Ruby
Go, Rust, Nix

EDUCATION

CCNA Certification
Cisco Systems - 2007

Network Switching Systems
General Dynamics - 2001

Satellite Communications
US Army - 2001