

# James Brink

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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, agentic workflows, LLM tooling. NixOS on HPE bare-metal for AI sandboxes.

**Quanttierra**, Remote

Sep 2023 - Present

*Principal Consultant*

NYC real estate intelligence platform. AI-powered dealflow with agentic workflows, geocoding, ACRIS scrapers. NixOS/Terraform infrastructure.

**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 **n xv** – 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