

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

Microservices platform for NYC real estate intelligence. AI-powered dealflow with agentic email classification and autonomous document processing. Large-scale property datasets, geocoding, high-throughput ACRIS scrapers. NixOS/Terraform production 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

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

ComfyUI Nix – Nix flake for ComfyUI **brinkOS** – Arch-based Linux distro **Essex** – Docker project generator in Rust