

James Brink

*Infrastructure-as-code
specialist building efficient,
fault-tolerant environments
on CI/CD pipelines.*

CONTACT

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GitHub · LinkedIn

TOOLBOX

Docker · Terraform · Ansible ·
Packer · AWS · CloudStack ·
Kubernetes · NixOS ·
Prometheus · Grafana ·
InfluxDB · Agentic AI / LLM
tooling

EDUCATION

Certification, CCNA

Cisco Systems · 2007

Network Switching Systems

General Dynamics · 2001

Satellite Communications

Department of the Army ·
2001

Experience

Infosys – iCETS

Oct 2023 – Present

Technology Architect · Remote

R&D technology architect incubating NextGen AI/ML, cloud, and analytics capabilities; deployed NixOS AI-sandbox environments on HPE bare-metal for rapid model prototyping.

Quantierra

Sep 2023 – Present

Principal Consultant · Remote

Architect a microservices platform for NYC commercial real-estate intelligence – agentic email/dealflow automation, a sub-20ms geocoding service, and full NixOS/ZFS/Terraform infra across Rails, FastAPI, Go, and PostGIS.

NFTCO / Unblocked

Aug 2022 – Apr 2023

Site Reliability Engineer · Remote

Owned AWS infra, monitoring, and CI/CD; cut app operating costs ~45% and built custom Prometheus exporters with self-hosted GitHub Actions runners.

Blockfolio / FTX

Nov 2020 – Aug 2022

Site Reliability Engineer · Remote

Scaled AWS infra for an event-driven, high-traffic app; owned Cassandra and InfluxDB across massive datasets and helped mitigate frequent attacks.

Synapse Studios

Jan 2020 – Oct 2020

Director of Infrastructure · Tempe, AZ

Built modular Terraform for an AWS app stack; managed ~15 customer AWS accounts with custom monitoring, VPN, and faster CI/CD pipelines.

Earlier

Solid Command Inc · Director of Infrastructure

Aug 2019 – Aug 2022

Kadima Ventures · Director of Infrastructure

Dec 2017 – Aug 2022

GoDaddy · Site Reliability Engineer

Sep 2015 – Nov 2016

Taste.com · Lead Engineer

May 2015 – Sep 2015

Yahoo · Senior Operations Engineer

Jul 2015 – Aug 2015

Edward Jones · Systems Administrator II

Jan 2008 – May 2015

Media Solutions Corp · Software Engineer

Sep 2011 – Oct 2012

Accram · Network Engineer / Systems Integrator

Jan 2004 – Jan 2008

Open-Source Projects

MCP NixOS – MCP server for NixOS resources.

ComfyUI Nix – Nix flake for ComfyUI with curated nodes.

Docker OpenGL – Mesa 3D software rendering drivers.

Essex – Docker project template generator in Rust.

nxv – Fast CLI for any version of any Nix package.

Envisaged – Gource git visualizations with Docker.

brinkOS – Experimental Arch-based Linux distro.

Arch Linux – AUR package maintainer.