

Noriah Vix

Infrastructure & Reliability Engineer

Portland, Oregon

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 [Website](#) | [GitHub](#) | [LinkedIn](#)

Infrastructure and reliability engineer specializing in large-scale distributed systems, networking, automation, and operational reliability. Experienced driving technical decisions across product and infrastructure organizations, building cross-team systems, and operating global-scale infrastructure.

Experience

TaroWorks

Portland, OR (Remote)

Nov 2025 - Present

Senior Engineer | [Product / Engineering](#)

- Modernized a 13-year-old codebase, reducing errors by 45% and developer overhead.
- Improved application performance 10× via database optimizations and code refactoring.

Google

Portland, OR (Remote)

Feb 2021 - May 2025

Senior Software Engineer | [Ads Data Hub / Ads Data Manager](#)

- Designed, built, and scaled Google's User Provided Data Matching service, processing 500M+ daily records.
- Built a reusable, templated pipeline framework that saved approximately 3 engineering-years annually and enabled an additional 1.5 years of capacity through self-service configuration; adopted by 3 Ads teams for customer-data ingestion.
- Reduced cloud compute costs by 45% through dataset and query optimizations.
- Reduced system outages by 50% through configuration tooling and validation.
- Partnered across product and infrastructure teams to evaluate architectures and drive technical decisions.

Supplyframe / Hackaday

Pasadena, CA (Hybrid)

Jul 2018 - Feb 2021

Senior Reliability Engineer | [Operations](#)

- Designed, deployed, and operated on-premises networks, servers, and compute clusters across Juniper, Linux, and Yarn/Hadoop clusters, reducing cloud spend over \$1M annually.
- Architected a distributed metrics service for the global fleet, reducing outages by 50% and improving operational visibility.
- Established practices for exploring, documenting, and systematically improving infrastructure and operational systems; the resulting tooling and practices remain in use years after implementation.
- Developed self-service infrastructure tools for developer teams, automating system and service deployment, reducing daily dependency on the Operations team.
- Designed and operated global IPv4/IPv6 eBGP/iBGP Autonomous System networks.
- Diagnosed complex production outages, participated in on-call, and reverse-engineered acquired services for SaaS integration.

Skills

Infrastructure: AWS, GCP, Linux, Kubernetes, Nix, CI/CD

Languages: Go, Python, C/C++, Rust, Java, Shell, SQL

Networking: BGP, DNS, TCP/IP, UDP, MPLS

Data: Hadoop, Spark, CDAP