

# Abigail Ranson

PLATFORM ENGINEER · CLOUD ARCHITECT

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## SUMMARY

**Platform engineer with 10 years** of full-stack and infrastructure work, building the systems engineering teams run on — internal developer platforms, CI/CD, and the policy and observability layer that keeps regulated, multi-tenant production environments shippable. Sysadmin foundation, hands-on at the principal level. Currently focused on **agent-ready cloud infrastructure**: composable platforms, deploy-time guardrails, and the substrate AI-driven engineering needs to ship safely at scale.

## SKILLS

Cloud & Infra	AWS, Azure, GCP, Kubernetes, Docker, Terraform, Terragrunt, Helm, Linux, multi-tenant architecture
Platform & Delivery	Internal developer platforms (IDP), CI/CD (Jenkins, CircleCI, GitHub Actions), GitOps, shared pipeline libraries, release engineering
Languages	Go, Java, TypeScript, JavaScript, Python, Ruby, Bash, SQL
Application	React, Angular, Node.js, Spring, Rails, REST/gRPC, Postgres, design systems
Practices	Architecture & modernization, observability, policy-as-code, Section 508 / accessibility, federal compliance, technical leadership

## EXPERIENCE

### Sky Solutions LLC

Sep 2024 – Present

Sr. Technical Advisor · Oct 2025 – Present (promoted) · Software Engineer · Sep 2024 – Oct 2025

Stack: Java / Angular · Cloud: AWS · Domain: Federal / Legal modernization

- ▶ Promoted to Sr. Technical Advisor inside 13 months for delivery and architectural leadership across a multi-team federal modernization program.
- ▶ Led an Angular framework upgrade across three major versions with zero customer-facing downtime, preserving feature parity for a Section 508-regulated user base.
- ▶ Designed and shipped a one-command local development environment that eliminated multi-day onboarding and unblocked parallel feature work across teams.

### TISTA Science & Technology

Mar 2020 – Sep 2024

Software Engineer · Federal Modernization & Internal Developer Platform · 4.5 years

Stack: Java/Angular, Node+Go/React, React-on-Rails · Cloud: AWS · Domain: Federal / Legal + Internal Platform

- ▶ On the company CTO team, helped build an internal developer platform — CLI tooling, shared Jenkins pipeline libraries, and an IoT device simulator — that standardized delivery across multiple engineering teams.
- ▶ Cut page load time on a 508-compliant federal case-management application by ~4x through state-management redesign, caching, and lazy-loading; shipped 300+ Jest tests as part of a test-framework migration that raised release confidence.
- ▶ Implemented automated accessibility testing in CI to enforce Section 508 conformance across releases — a compliance gate the program had previously been carrying manually.

### NewWave Telecom & Technologies

Jun 2018 – Mar 2020

Sr. Full Stack Developer · Jun 2019 – Mar 2020 (promoted) · Full Stack Developer · Jun 2018 – Jun 2019

Stack: Node.js / React · Cloud: Azure · Domain: Federal / Health

- ▶ Led a 5-engineer cross-functional team delivering an enterprise storage solution ahead of schedule; designed a private NPM registry + reusable design-system package that other teams adopted.
- ▶ Built a microservice transport utility for Azure Service Bus supporting high-volume, reliable message processing across federated services.

### American Society for Engineering Education

Oct 2016 – Jun 2018

Full Stack Developer

Stack: Ruby on Rails · Platform: On-prem · Domain: Higher Education

- ▶ Owned end-to-end delivery of a modernized public-facing site and incremental refactor of a legacy Rails monolith while sustaining production stability.

### The Community Partnership for the Prevention of Homelessness

Mar 2014 – Oct 2016

System Administrator

Domain: HMIS · HUD reporting · 50+ partner organizations

- ▶ Administered the Homelessness Management Information System for 50+ partner organizations; built reporting automation that cut HUD/congressional report turnaround time and reduced data-analysis effort by ~75%.

## EDUCATION

Associate of Business Administration

Germanna Community College · 2009 – 2012

## CERTIFICATIONS

Nielsen Norman Group — UX Certification

Twilio — Platform Certificate

Looker — Data Platform Certificate