



Jonathan Roll

Cloud Solutions Director at [Kforce](#) and fullstack developer



GitHub



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Summary

- ✓ 20+ years in software architecture, design, and integration
- ✓ 15 years delivering fullstack automation solutions
- ✓ API integration, ORM, Database design and architecture
- ✓ Agile/Scrum [SAFe/ART](#), DevOps & CI/CD best practices

Technology Stack

Languages

JavaScript

Python

Swift

TypeScript

NodeJS

Deno

Frameworks

React

Vue3

Astro

Fresh

Remix

NextJS

Data Integration

NodeJS

Deno

MongoDB

MySQL

SQLite

NoSQL

Cloud

Kubernetes

Docker

Microservices

Azure

GCP

AWS

OpenStack

Experience

Practice Director

June 2022 - Present



Cloud platform architecture, design and solutions for Kforce clients

- Develop cloud platform architectures and solutions based on AWS, Azure, GCP and Hybrid models
- Solve client challenges through enterprise automation, DevOps CI/CD, GitOps and Infrastructure as Code (IaC)
- Develop resource plans, sales proposals and leadership presentations



Cloud platform architecture and integration

- Platform architecture, planning, design, and development
- Defined platform roadmaps
- Managed and prioritized backlog
- Implemented epics, user stories, story cards
- Kubernetes orchestration of containerized microservices
- OpenStack, Ansible, Node.js, Python, MySQL, and Docker
- Enterprise automation, DevOps and CI/CD

- ✓ Achieved 40% delivery increase with CI/CD pipelines
- ✓ 10x increase in availability through IaC automation
- ✓ 70% cost reduction through reuse and refactoring
- ✓ Higher quality code, predictable deliveries

Lead Developer

1998 - 2005



Lead developer in Wireless and Wireline Telecom, providing sales and pre/post-sales engineering support

- Broadband Subscriber Management & Migration Platform
- Oracle-based subscriber self-service portal for Broadband Services
- J2EE Wireless Number Porting Platform
- Several OLAP Big Data solutions using Oracle and SQL Server
- Created/ran proofs of concept and live solution demos for clients

Accomplishments



Holder of six patents in network, cloud and IoT applications

Education

Master of Science (M.S.), Computer Science ¹
Georgia Tech

Bachelor of Science (B.S.), Mathematics & Computer Science
University of Toledo

¹ On pause following separation from AT&T