# Jonathan Roll

Cloud Solutions Director at Kforce and fullstack developer

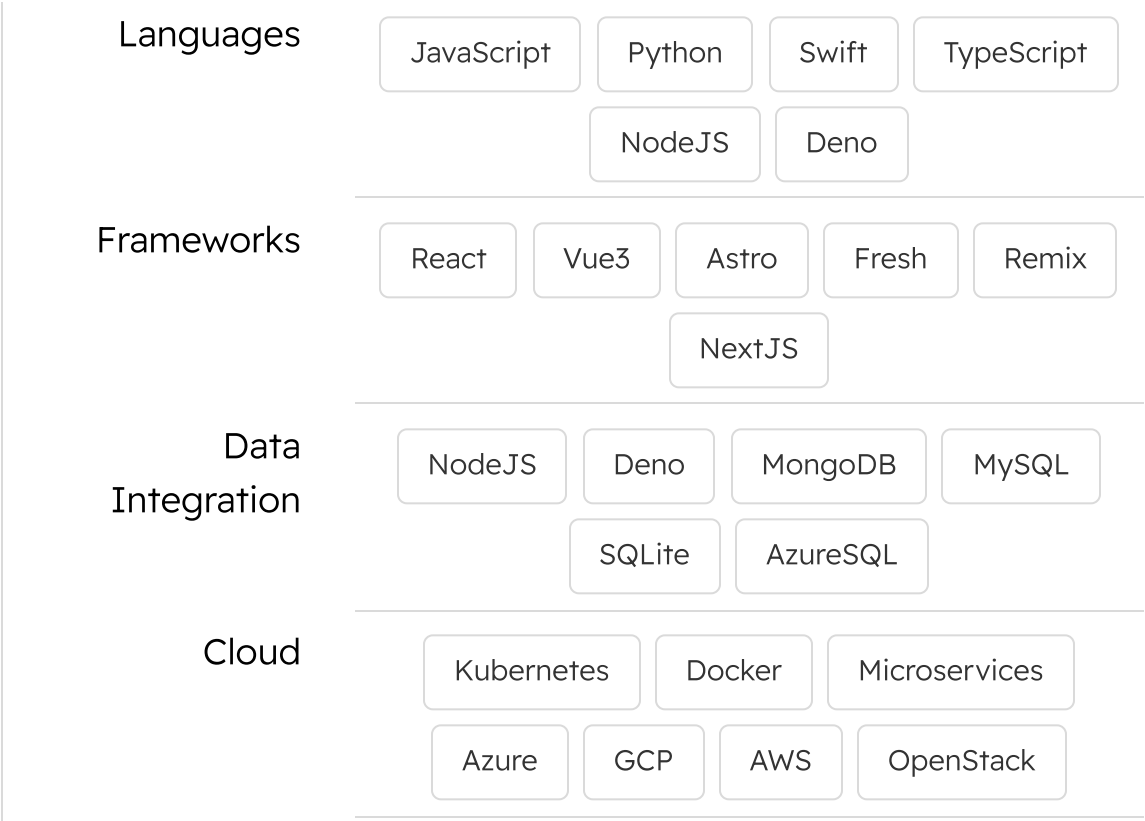✉ jonathan.roll@gmail.com

Github

LinkedIn

Twitter

## 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 | AzureSQL |
|---|---|

**Cloud**

| Kubernetes | Docker | Microservices |
|---|---|---|

| Azure | GCP | AWS | OpenStack |
|---|---|---|---|

# Experience

## Practice Director                                          June 2022 - Present

**KFORCE**

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

## Director of Technical Staff                          February 2005 - July 2020

AT&T Labs

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

## Lead Developer                                    1998 - 2005

Capgemini

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
Georgia Tech

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