Jonathan Roll

✉ jonathan.roll@gmail.com
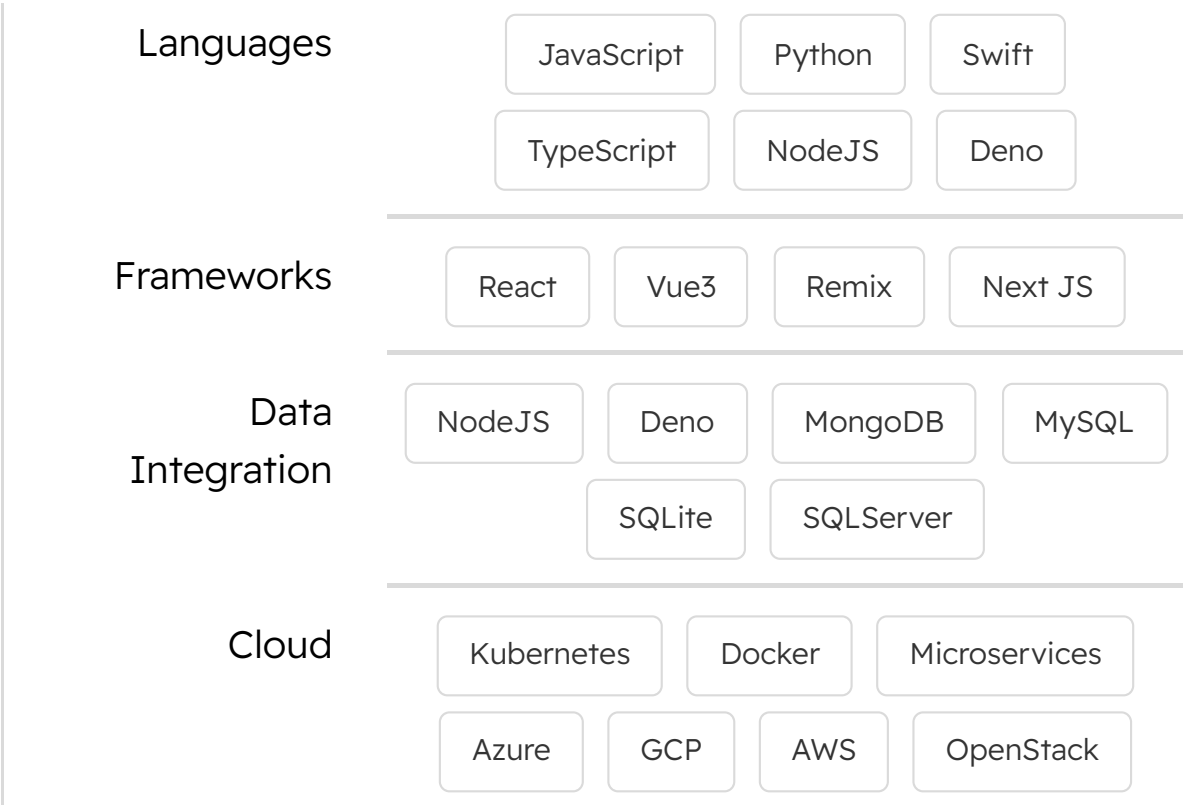
@jrollio
@jroll
@jrollio

Cloud Solutions Director at Kforce and fullstack web development instructor

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 · Remix · Next JS	
Data Integration	NodeJS · Deno · MongoDB · MySQL	SQLite · SQLServer
Cloud	Kubernetes · Docker · Microservices	Azure · GCP · AWS · OpenStack

Experience

Practice Director   June 2022 - Present

KFORCE

Cloud solutions architecture, design and planning for Kforce clients

- Develop program plans and proposals
- Architect and design client solutions based on AWS, Azure and GCP
- Kubernetes, containerization, and microservices
- Enterprise automation, DevOps and CI/CD

Director of Technical Staff   February 2005 - July 2020

AT&T Labs

Cloud solutions architecture, design and planning for Kforce clients

- Platform architecture, planning, design, and development
- Defined platform roadmaps
- Managed and prioritized backlog
- Implemented epics, user stories, story cards
- OpenStack, Ansible, Node.js, Python, MySQL, Kubernetes and Docker
- Kubernetes, containerization, and microservices
- 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

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
- Developed proof of concept and live product demos

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