

Cody Baker

Senior Software Engineer
Distributed Systems

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☰ Proficiencies

Programming

Go (Golang) ●●●●●●
C / C++ ●●●●○
Rust ●●●○○
JavaScript / TypeScript ●●●●○

Tools & Methodologies

Kubernetes ●●●●●●
Linux ●●●●●●
Distributed Systems ●●●●●●
Microservices ●●●●●●
Site Reliability Eng (SRE) ●●●●○
Cryptography / PKI ●●●●●●
Agile Development ●●●●○
Virtual Net VRF/SDN ●●●●●●

☰ Additional Familiarity

Languages: C#/.NET, Shell Scripting, PHP, HTML5, SQL, Perl, Python, Ruby, Ansible

Platforms: AWS, Azure, GCP, Redis, MySQL, Kafka, NATS, eBPF, MongoDB

Protocols: TLS, gRPC, HTTP1/2/3, DNS, SMTP, OAuth, BGP, SPIFFE

📰 Media

- 🎙 Software Engineering Daily
Feb 24, 2021 (bit.ly/cody-sed)
- 📺 DigitalOcean Tech-talk
How DO Manages, Monitors, and Secures Kubernetes for App Platform (bit.ly/cody-ttalk)

DigitalOcean

June 2022 - Present - Staff Engineer Serverless Unit

Sept 2020 - June 2022 - Sr. Engineer II (IC4) App Platform (Technical Lead)

Feb 2020 - Sept 2020 - Sr. Engineer I (IC3) App Platform (Technical Lead)

Feb 2019 - Feb 2020 - Sr. Engineer I (IC3) Managed Kubernetes

App Platform is a comprehensive platform as a service (PaaS) for building and running web-services and containers at any scale.

- Architected App Platform network, ingress and security infrastructure.
- Provided subject matter expertise to management and mentorship to engineering team.
- Established product operation, support and incident protocols.

Ericsson (Distributed Cloud PDU) - Senior Software Engineer

Mar 2018 - Feb 2019 - San Francisco, CA (Remote Employee)

Ericsson's Distributed Cloud Product Development Unit (PDU) produces a Kubernetes distribution with a focus on hosting virtualized network functions for telecom consumers.

- Integrated and adapted components from the Kubernetes ecosystem to build, run, and deploy in line with Ericsson's licensing and security policies.
- Evaluated technical proposals as a member of system and security teams.

Apcera - Senior Software Engineer Cloud Technology

June 2017 - Mar 2018 (Ericsson Aquisition) - San Francisco, CA (Remote)

Apcera offered a proprietary enterprise-oriented container hosting platform.

- Refactored container execution to utilize a standards based OCI runtime.

Squirrels LLC - Partner & Senior Software Engineer

Mar 2013 - Feb 2017 - North Canton, OH (Remote Employee)

Squirrels offers real-time screen mirroring software targeted at presentation, education, and embedded markets.

- Member of the management team as company grew from 15 to 37 employees and substantially diversified its software offerings.
- Engineered a multi-platform C implementation of Google's Chromecast communications, screen mirroring, and security protocols.

Napkin Studio - Partner & Senior Database Engineer

Sept 2008 - Mar 2013 - North Canton, OH (Remote Employee)

Napkin Studio developed the first TV-listings application for Apple iOS, and later offered contract development for medical and entertainment companies.

- Primary architect of an API serving nearly a million mobile users.

Wilkshire Communications - Network Engineer / Web Developer

Mar 2002 - Aug 2009 - Bolivar, OH

Wilkshire Communications, now defunct, provided wireless broadband and dial-up internet to 4000 customers throughout the region.

- Maintained & deployed web, email, auth, monitoring, & network equipment.

🎓 Education - Hiram College - Bachelor of Science - Computer Science

Fall 2003 - Spring 2007 - Hiram, OH - Magna Cum Laude