

Cody Baker

Software Engineer
Backend & Distributed
Systems

Traverse City, MI
+1 330 987 7155

✉ cody@codybaker.com
🌐 www.codybaker.com
📄 linkedin.com/in/jcodybaker

☰ Proficiencies

Programming

Go (Golang) ●●●●●
C / C++ ●●●●○
Rust ●●●○○
Python ●●●○○

Tools & Methodologies

Kubernetes ●●●●●
Linux ●●●●●
Virtualization & Isolation ●●●●●
Distributed Systems ●●●●●
eBPF ●●●●○
Site Reliability Eng (SRE) ●●●●○
Cryptography / PKI ●●●●●
Virtual Net VRF/SDN ●●●●●

☰ Additional Familiarity

Languages: Javascript, Typescript, C#/.NET, Shell Scripting, PHP, SQL, Perl, Ruby

Platforms: Envoy, MySQL, Kafka, AWS, Azure, Google Cloud, Prometheus, VictoriaMetrics

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

📰 Media

- 🎙 Software Engineering Daily
Feb 24, 2021 (bit.ly/cody-sed)
- 📺 DigitalOcean Tech-talk
How DO Manages, Monitors, & Secures Kubernetes for App Platform (bit.ly/cody-ttalk)
- 📺 Deploy 2024: 4 years of App Platform: What's New!
(bit.ly/cody-4yr-of-ap)

DigitalOcean

May 2024 - Present - **Platforms-as-a-Service Architect** (Staff Engingeer)
June 2022 - May 2024 - App Platform (Staff Engineer + Technical Lead)
Sept 2020 - June 2022 - App Platform (Sr. Engineer II + Technical Lead)
Feb 2020 - Sept 2020 - App Platform (Sr. Engineer I + Technical Lead)
Feb 2019 - Feb 2020 - Managed Kubernetes (Sr. Engineer I)

- Responsible for architectural leadership external (consumer) managed platforms including: Databases, Kubernetes, Functions-as-a-Service, App Platform, Container Registry, & Insights Observability.
- Technical lead for greenfield development of App Platform, a comprehensive & highly scalable container Platforms-as-a-Service.
- Debugged cloud-scale performance, security, & availability issues.
- Offered subject matter expertise to management & mentorship to eng team.
- Established product operation, support, & incident protocols.
- Breakthrough Idea Award 2021, Dream Team 2023.

Ericsson (Distributed Cloud PDU) - Senior Software Engineer

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

Ericsson's Distributed Cloud Product Development Unit (PDU) produced a Kubernetes distro supporting virtualized network functions for telecom carriers.

- Integrated & adapted components from the Kubernetes ecosystem to build, run, & deploy in line with Ericsson's licensing & security policies.

Apcera - Senior Software Engineer Cloud Technology

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

- Modernized bespoke enterprise container orchestration platform.

Squirrels LLC - Founding Partner & Software/Infrastructure Engineer

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

Squirrels offers screen mirroring tools for presentation & embedded markets.

- Member of the management team as company grew from 15 to 37 employees & substantially diversified its software offerings.
- Engineered a multi-platform C implementation of Google's Chromecast real-time mirroring & content protection protocols.

Napkin Studio - Founding Partner & Backend Engineer

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

- Architected backend systems for the first TV-listing application for Apple iOS, ultimately serving more than a million subscribers.
- Provided contract engineering for medical, ad-tech, & entertainment clients.

Wilkshire Communications - Infrastructure Engineer / Web Developer

Mar 2002 - Aug 2009 - Bolivar, OH

- Transitioned from a support role into web application development & server administration for a regional ISP serving 4000 wireless & dialup subscribers.

🎓 Education - Hiram College - Bachelor of Science Computer Science

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