Cody Baker

Software Engineer
Backend & Distributed
Systems

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Traverse City, MI
+1 330 987 7155

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✉ cody@codybaker.com
🌐 www.codybaker.com
in 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
March 2025 - Present - **Platforms-as-a-Service Architect** (Principal Eng)
May 2024 - March 2025 - Platforms-as-a-Service Architect (Staff Engineer)
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 of external (consumer) managed platforms including: Databases, Kubernetes, Functions-as-a-Service, App Platform, Container Registry, & Insights Observability.
- Provided architectural mentorship for Generative AI & GPU Infra teams.
- Lead operational excellence & reliability efforts within the PaaS organization.
- Technical lead for greenfield development of App Platform, a comprehensive & highly scalable container Platforms-as-a-Service.
- Debugged cloud-scale performance, security, & availability issues.
- 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 Acquisition) - 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