

# Cody Baker

Senior Software Engineer  
Distributed Systems

1718 Beach St,  
Muskegon, MI 49441  
+1 330 987 7155

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

## Proficiencies

### Tools

Kubernetes	●●●●●
Linux	●●●●●
Ansible	●●●●●
Amazon Web Services	●●●●●
Azure	●●●●○

### Programming

Go	●●●●●
C / C++	●●●●●
Ruby	●●●●○
Python	●●●●○
JavaScript / TypeScript	●●●●●

### Concepts

Cloud-Native Design	●●●●●
Distributed Systems	●●●●●
Microservices	●●●●●
Architecture	●●●●●
SDN (SW Defined Net)	●●●●○
Pub/Sub Message Bus	●●●●●
Cryptography / PKI	●●●●●
Agile Development	●●●●○
DB Mgmt/Optimization	●●●●●

## Additional Familiarity

**Languages:** C#/.NET, Shell Scripting, PHP, HTML5, SQL, Perl

**Platforms:** Node.js, Redis, Azure, Asterisk SIP, CMake, Twilio, Stripe, Openstack

**Protocols:** HTTP/2, DNS, SMTP, HTTP, RTP, H.264, TLS/SSL, OAuth, gRPC

## Work Experience

### Ericsson (Distributed Cloud PDU) - Senior Software Engineer

Mar 2018 - Present - 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.

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

### Apcera - Senior Software Engineer Cloud Technology

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

Apcera offered a proprietary enterprise-oriented container hosting platform.

- Refactored container execution to utilize a standards based OCI runtime.
- Implemented Kubernetes-style rolling updates for Apcera container jobs.
- Employee of the Quarter (Q4 2017).

### 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.
- Led development of large-scale, multi-tenant, multi-platform classroom device management application.
- 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.

- Principal architect of an API serving a nearly a million mobile users.
- Designed and implemented a cloud hosted electronic medical records storage and e-prescription routing service.
- Implemented a high performance real-time bidding engine and statistical forecast model for programmatically purchasing precision targeted ads.

### 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.
- Developed account management and ecommerce web applications.

## Education

### Hiram College - Bachelor of Science - Computer Science

Fall 2003 - Spring 2007 - Hiram, OH - Magna Cum Laude (GPA: 3.76)