

Cody Baker

Senior Software Engineer

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Proficiencies

Concepts

Deployment Operations	●●●●●
- Containerization	●●●●○
- DB Mgmt/Optimization	●●●●●
- Scalability	●●●●●
SDN (SW Defined Net)	●●●●○
Cryptography (PKI)	●●●●●

Programming

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

Tools

Kubernetes	●●●●●
Amazon Web Services	●●●●●
Linux	●●●●●
MongoDB	●●●●●

Additional Familiarity

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

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

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

AWS Experience: EC2, ECR, R53, VPC, ELB, RDS, Cloud Formation, Lambda, ElastiCache, S3, CloudFront, SNS, CloudWatch, IAM, SES

Work Experience

Ericsson - Senior Software Engineer

June 2017 - Present (Apcera acquired by Ericsson Dec 2018)

Squirrels LLC - Partner & Senior Software Engineer

Mar 2013 - Feb 2017 - North Canton, OH (remotely from Seattle, WA)

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.
- Mentored and managed junior developers.
- Led development of large-scale, multi-tenant, multi-platform classroom device management application.
 - Utilized Node.JS, MongoDB, WebSockets, Redis, and the AWS Cloud.
 - Developed a reference client-side implementation in C#/.NET/WIN32.
- Engineered a multi-platform cross-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 (remotely from Seattle, WA)

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

- Designed and managed a production API serving mobile-optimized content to nearly a million account holders.
- Architected 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 highly targeted (geo/profile) advertisements.

Wilkshire Communications - Network Engineer / Web Developer

Mar 2002 - Aug 2009 - Bolivar, OH

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

- Maintained and deployed HTTP, email, RADIUS, monitoring, and network equipment.
- Developed account management and ecommerce web applications in PHP and Perl.

Education

Hiram College - Bachelor of Science - Computer Science

Fall 2003 - Spring 2007 - Hiram, OH

Hiram College provided a traditional computer science curriculum blended with interdisciplinary and liberal arts studies.

- Magna Cum Laude (GPA: 3.76).