

Cody A. Ray

311 Marengo Ave. #2
Forest Park, IL 60130
(215) 501-7891

Education	B.S./M.S. in Electrical Engineering, Drexel University, Philadelphia, PA, June 2011 Undergraduate concentration in Telecommunications and Digital Signal Processing Graduate concentration in Controls, Robotics, and Intelligent Systems, GPA 3.3	
Employment	Software Engineer , Confluent, Inc, Mountain View, CA	Feb 2019 - Present
	<ul style="list-style-type: none">• Tech lead for API/CLI team of 4 eng; oversee product experience & architecture• Creating a new public API for Confluent Cloud and modernizing on-prem APIs• Designed, developed, and launched Confluent Cloud CLI• Layed groundwork for unified confluent CLI experience (cloud, k8s, data centers)• Drove the adoption and implementation of feature flags / dynamic configuration	
	Site Reliability Engineer , Confluent, Inc, Palo Alto, CA	Oct 2017 – Feb 2019
	<ul style="list-style-type: none">• Architected and lead development of hosted Schema Registry and Connect S3• Built large pieces of our global cross-cloud/cross-k8s scheduling system• Championed Confluent’s cloud-first transition to biweekly releases across all teams• Bootstrapped the end-to-end system testing framework for Confluent Cloud• Created our initial watchdog alerting system for end-to-end problem detection• Worked with compliance, infosec, product teams to setup cloud on-call rotations	
	Dev-Ops Engineer , PEAK6 Investments, Chicago, IL	Oct 2015 – Oct 2017
	<ul style="list-style-type: none">• Designed, operated Elasticsearch/Logstash/Kibana stack with 500GB daily ingest• Developed HA Centralized Scheduling system built on StackStorm cluster• Orchestrated firm-wide rollout of RocketChat with auditing and chatops (hubot)• Maintained CheckMK/OMD, Graphite/Grafana monitoring stacks, trained users• Consolidated multiple GitHub Enterprises instances into one, administered GHE	
	Dev-Ops Engineer , Signal Digital, Chicago, IL	Aug 2013 – Aug 2015
	<ul style="list-style-type: none">• Built a scalable distributed stats infrastructure with Suro/Kafka/KairosDB• Created and open sourced Agathon, a Cassandra cluster management tool• Developed dependency-based haproxy configuration management system• Automated security group mgmt, mongo migrations, polyglot build/deploy• (Soon) Open sourced Infrastructure Manifest svc for OpenStack, Rackspace, AWS• Built an internal reporting app for client services’ use	
	Software Engineer , Signal Digital, Chicago, IL	Aug 2011 – July 2013
	<ul style="list-style-type: none">• Lead the development of iOS and Android mobile SDKs• Developed cross-domain javascript privacy module embedded in 200+ sites• Created store-and-forward proxy to integrate real-time and batch systems• Helped launch 5 APIs: OAuth, Provisioning, Stats, Search-by-Markup, SSO• Integrated 15+ partners for server-direct real-time data collection• Designed and built queuing and pubsub systems on Redis, replacing RabbitMQ	
Engineering Skills	<p><u>Languages:</u> Golang, Python, Java, Node.js, Ruby, PHP</p> <p><u>Datastores:</u> Kafka, Cassandra, Elasticsearch, KairosDB, Mongo, MySQL, PostgreSQL, Redis</p> <p><u>Clouds:</u> AWS, GCP, Azure (Limited), Heroku</p> <p><u>Specialty:</u> Scalable distributed systems architecture</p>	

Recommendations: [linkedin.com/in/codyaray](https://www.linkedin.com/in/codyaray) Code samples: github.com/codyaray