



# Anthony Johnson

## Experience

- December 2024 to March 2025 **Staff Engineer, Data Team, SentinelOne**, Mountain View, Ca
- Took ownership of [PowerQuery language](#) roadmap working with customers and internal stakeholders.
  - Resolved high visibility bugs around query parsing, planning and execution.
  - Planned, Designed and Implemented new query functions including Geo Functions and Network Functions.
- June 2020 to December 2024 **Field CTO, Data, SentinelOne (formerly Scalyr acquired by SentinelOne in 2021)**, Mountain View, Ca
- Joined company as the principal practitioner of Observability bringing the startup new perspectives, insights and opportunities. One of those perspectives was a key motivator for the [\\$155 million dollar acquisition of Scalyr by SentinelOne](#).
  - Created highly opinionated product and company strategy narratives that have been triaged into the product roadmap.
  - Implemented customer-driven features to "close the deal".
    - Re-wrote SAML Authentication that was blocking a now 4 million ARR customer.
    - Added Multi-Cloud Ingest to the platform via [Google PubSub](#) and [Azure EventHub](#) Monitor
    - Added [Secrets Management](#) to the platform for securing customer API keys.
- Mar 2017 to June 2020 **Principal Engineer, Cloud Platform and Engineering, Ellie Mae**, Pleasanton, Ca
- Provided technical vision and leadership for re-defining the Ellie Mae Infrastructure team which includes Public Cloud, Private Cloud, DevOps, Service Reliability and Performance Engineering to be a service-based organization.
  - Created and managed the Cloud Platform Engineering team built around internal open-source and the development of core business services to provide the last mile of the cloud (the delta between what the cloud provides and what the business needs).
  - Started Ellie Mae's open-source initiatives including the management of open-source publishing and governance within the company.
  - Organized and Executed Ellie Mae's internal Hack-a-Thons, Tech Mixers, and Late-night Hack sessions.
- May 2016 to Mar 2017 **Staff Engineer, Public Cloud, Ellie Mae**, Pleasanton, Ca
- Joined Ellie Mae as the principal technical member of the Public Cloud team tasked with helping Ellie Mae become a myhref<https://www.fintechfutures.com/2018/11/aws-goes-all-the-way-with-ellie-mae/cloud-native-company>
  - Reviewed cloud architectures, gave guidance on implementation and technology choices
  - Evangelized "you Build It, You Run It" approach to product engineering.

- Nov 2015 to May 2016 **Staff Architect, Concurrent, Duluth, Ga**
- Joined company as a CTO referral with the specific goal of helping transform the company into a modern agile company
  - Worked closely with VP of Architecture to transform the role of an architect to better align with agile principles
  - Consulted with VP of Development to provide insights and guidance into agile best practices to improve development team outputs
  - Engaged with the VP of Product and evangelized the usage of product narratives as inputs to development teams
  - Jumped into the middle of complicated, debt-laden product architectures to quickly provide paths to improvements
- Jan 2013 to Nov 2015 **Senior Cloud Architect, HERE a subsidiary of Nokia, Alpharetta, Ga**
- Reviewed HERE product architectures to ensure teams utilized AWS properly and efficiently
  - Built and maintained the Nokia Linux Amazon Machine Image(AMI) that every team utilized in AWS. Scoped and Re-designed the AMI to save the company 250,000 dollars a year.
  - Implemented AWS Federated Login to support 1,000 unique users across 200 accounts using Active Directory Security Group memberships for account access
  - Brainstormed, Designed, Implemented and launched the Cloud Platform api and web portal using JAX-RS, Single Sign-on and Angular JS. This self-service portal allowed teams to run tooling, reporting and automation against AWS accounts.
- 2008–2013 **Senior Software Developer and Full Stack Engineer for Global Networks, Nokia, Alpharetta, Ga**
- 2005–2008 **Senior System Administrator and Software Engineer, Air2Web, Atlanta, Ga**
- 2003–2005 **Linux/Network Administrator, DBA, C++ Developer, eMediaTrade, Roswell, Ga**
- 1999–2003 **Operations Engineer, Pathfire, Roswell, Ga**

## Recent Notables

- January 2025 **SentinelOne Webinar, Smarter Data Ingestion and Storage Strategies**, Presenter, web  
Presented on the importance of a solid data ingestion strategy with a focus on how dataloss and delays hurt your security posture.  
<https://www.sentinelone.com/resources/smarter-data-ingestion-and-storage-strategies/>
- May 24th, 2024 **TechStrong.tv, Understanding the Value of OCSF for Security Practitioners**, Presenter, web  
Re-wrote the RSA presentation for an internet audience sharing the importance of data schemas in relation to company security posture.  
<https://techstrong.tv/videos/techstrong-con-2024/understanding-the-value-of-ocsf-for-security-practitioners-with-amy-pham-and-anthony-johnson-at-techstrong-con-2024>
- May 7th, 2024 **RSA Conference, Understanding the Value of OCSF for Security Practitioners**, Presenter, San Francisco, Ca  
Thought-leading presentation showing why adoption of the Open Cybersecurity Schema Framework across the industry is a game changer for the cybersecurity industry.  
<https://techstrong.tv/videos/techstrong-con-2024/understanding-the-value-of-ocsf-for-security-practitioners-with-amy-pham-and-anthony-johnson-at-techstrong-con-2024>
- March 4th, 2020 **Elastic{on} Roadshow, Redefining the Mortgage Industry with Search**, Presenter, San Francisco, Ca  
Spoke directly about culture change, data migration, user adoption and education while migrating to Elastic-search/Kibana at Ellie Mae.
- February 27th, 2019 **Elastic{on} Roadshow, Telemetry as Code**, Presenter, San Francisco, Ca  
Presented a new way of managing telemetry artifacts by using Terraform. By using Terraform, telemetry concerns can easily be pushed back to the product engineering teams allowing dashboards defects to be treated as product defects. My open-source terraform provider, [terraform-provider-elastic](#), was developed to solve the problem.
- February 19th, 2019 **Ellie Mae "BFH" hack-a-thon, Organizer/MC**, Pleasanton, Ca  
Worked with internal comms, marketing, and engineering leaders to organize and execute Ellie Mae's 2019 hack-a-thon. We had over 40 teams and 200 engineers participate.

- February 9th, 2019 **MineFaire**, Visualizing Social Media in Minecraft, San Mateo, Ca  
Educational presentation targeted for ages 7-14 years old. Showed how someone could utilizing Java and other Minecraft development kits to visualize data from Twitter within Minecraft. Demo was a programmatically generated village that represented people you were following.
- November 27th, 2018 **AWS re:Invent 2018 non-profit hack-a-thon, Winner**, Las Vegas, Nv  
Myself and another team member were the first ever, multiple winner of the AWS non-profit hack-a-thon. We came back to defend the title and 16 hours later, we were crowned the winner for the second year in a row. My contributions were architecture, presentation, presenter and I implemented one of our mock interfaces.  
<https://foghornconsulting.com/reinvent-hackathon-defending-the-title/>
- October 22nd, 2018 **HashiConf**, How EllieMae delivers using Terraform Enterprise, San Francisco, CA  
Presented Ellie Mae's Terraform Enterprise solution including best practices, administrative management via pull requests and how to scale it to the business. The focus was on delivering a multi-tenant CD system.  
<https://www.youtube.com/watch?v=brsCMYlc9iU>
- April 24th, 2018 **Elastic Meetup**, Delivering Telemetry as Code, Pleasanton, Ca  
Organized and Executed Ellie Mae's first Meetup! Main presenter. Presented a thought leading "Telemetry as Code" topic including a custom Terraform Provider that maintains Kibana artifacts.  
<https://www.meetup.com/Silicon-Valley-Elastic-Fantastics/events/249601381/>
- February 22nd, 2018 **Evident.io Webinar**, Evolution of DevSecOps  
Part of a 3 company panel (Evident.io, Verizon and Ellie Mae) to discuss the evolution of DevSecOps within companies. This web event was attended by over 200 people.  
<http://info.evident.io/evolution-of-devsecops-revisited-webinar-02222018.html>
- November 27th, 2017 **AWS re:Invent 2017 non-profit hack-a-thon, Winner**, Las Vegas, Nv  
Our team created a solution for scanning AWS Accounts for malicious content in S3 buckets. We worked for a non-profit company named Thorn whose goal is to rid the internet of malicious child media. I focused on our design, presentation and was the main presenter of the concept.  
<https://twitter.com/awsreinvent/status/935525498884632577?lang=en>
- November 9th, 2017 **Ellie Mae "Game of Hacks" hack-a-thon, Organizer/MC**, Pleasanton, Ca  
Worked with internal comms, marketing, and engineering leaders to organize and execute Ellie Mae's 2017 hack-a-thon. We had over 40 teams and 150 engineers participate.
- June 29th, 2017 **Devops.com Webinar**, Web Presentation  
How Can You Adopt A Cloud Native DevOps Model Without Sacrificing Security?  
<https://youtu.be/SdkIRjX0-HY>
- March 16th, 2017 **AWS East Bay MeetUp**, Dublin, Ca  
Transforming Ellie Mae into a Technology Company  
<https://youtu.be/B4J1x3eUj7I>
- November 30th, 2016 **AWS re:Invent 2016**, Las Vegas, Nv  
The AWS Hero's Journey to Achieving Autonomous, Self-Healing Security (SAC402)  
<https://youtu.be/RvljgfUT-C0>

## Community Projects

- Terraform Elastic Provider** [terraform-elastic-provider](#) allows you to deploy Kibana index-patterns, saved searches, visualizations and Dashboards as code.
- Fluentd Plugins** [json-schema-filter](#) validates incoming events against a JSON schema [s3-input](#) takes coming events that have an S3 bucket/key location and will pull the data from S3 into the event.
- JMeter** [Test Fragment](#) and [Setup and Teardown Thread Group](#) Enhancements and Bug Reports
- Watir** [Element Screenshot Support](#)