

Eben Freeman

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PROFESSIONAL EXPERIENCE

Software Engineer, Honeycomb

February 2017 - present

Honeycomb is a hosted observability service that helps engineers store and query logs and telemetry data.

- Wearer of many hats.
- Improved performance of data ingest API, Kafka cluster, and columnar storage engine by 4-6x.
- Shipped core product features and integrations for Kubernetes, PostgreSQL, Fluentd, etc.
- Worked with customers to deploy high-performance, low-overhead instrumentation.
- Worked with business leadership to refine internal capacity planning and infrastructure cost analysis.
- Currently leading the design and implementation of Honeycomb's distributed tracing product.

(Go, Kafka, MySQL, Redis, Kubernetes, Chef, AWS)

Software Engineer, Nylas

February 2014 - March 2016

- Scaled backend from local prototype to ingesting terabytes of data per day.
- Led the implementation and deployment of Nylas's sharded, scalable MySQL deployment.
- Improved service observability and resilience by implementing rich application instrumentation, structured centralized logging, on-demand profiling, and workload balancing.
- Served as platform team tech lead: set team roadmap and OKRs, fostered best practices, mentored interns and new hires.

(Python, MySQL, Redis, Elasticsearch, Ansible, NGINX, HAProxy, AWS)

Software Engineer, Google

August 2013 - February 2014

- Improved cross-query contextual understanding in voice search.
- Analyzed logs and collaborated with UX researchers to evaluate existing product experience.
- Prototyped new features and shipped enhancements spanning the Android search app and search backend services.

(C++, Go, Java, Android)

Research Intern, Inria Sophia Antipolis

June - August 2012

- Developed experimental image compression algorithms using persistent homology and Laplace mixture models.

(C++, OpenCV, Python, NumPy)

SKILLS & TECHNOLOGIES

Go, Python, C++, ES6, React, MySQL, Redis, Kafka, Kubernetes

EDUCATION

Massachusetts Institute of Technology

2009-2013

B.S. in Mathematics