Erik Dolinsky

Software Engineer

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Qualifications

Proven experience designing and implementing software systems, and owning them end-to-end in true DevOps fashion. Insatiable craving to master new technologies and tackle intimidating challenges. Track record of enhancing observability and eliminating technical debt.

Experience

Software Engineer, Sauce Labs   May 2018 - Present
- Revitalized Sauce cloud monitoring through the introduction of a highly scalable monitoring and alerting platform and consistent encouragement of best practices
- Redesigned Sauce's statsd/graphite monitoring stack to handle load in excess of 3.5 million metrics per minute and cut query latency by 80%
- Implemented numerous features for Sauce Labs' cloud infrastructure platform and tunnel proxy product

Software Developer Intern, STAT Search Analytics   Apr. 2017 - Aug. 2017
- Optimized images for a fleet of over 3,000 EC2 Instances, reducing operational costs by 87.5%
- Automated ETL process for migration of incoming clients' tracking data from competitors' products
- Maintained STAT infrastructure, internal tooling, and custom reporting software

Software Developer Co-op, Neurio Technology Inc.   Jan. 2016 - Aug. 2016
- Designed and implemented a model assessment system for Neurio's nonintrusive load monitoring analytics software, which was run over 10,000 times within its first 6 months
- Iterated on load testing frameworks, improving memory utilization by 90% and extended the project into a demo tool, boosting sales lead retention by 20%

Technical Support & Test Engineer, Rainforest Automation Inc.   May 2015 - Dec. 2015
- Lead product integration testing and development of demonstration platforms for Rainforest's intelligent energy monitoring and load control gateway
- Reduced number of outstanding customer support issues by 96% within 1 month of employment through persistent communication and re-organization and documentation of support procedures

Tool Kit

- **Languages:** Python, Go, Ruby, Java, C++, C, Javascript, and Bash
- **Platforms:** Kubernetes, VMs and bare metal, public and private cloud
- **Configuration Management:** Ansible, Terraform
- **Continuous Integration:** GitLab, Travis CI

Education

University of British Columbia   2018

Bachelor of Applied Science - Computer Engineering, Minor in Commerce