Anders Chen

CONTACT INFORMATION

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KEY SKILLS

- 4.5 years of experience on distributed remote teams; also open to non-remote teams
- Proficient with Golang, Ruby, Ruby on Rails, Chef, Terraform, Packer, Kubernetes, Docker PostgresSQL, MySQL/MariaDB, Shell Scripting
- Familiar with Java, Python, Elixir, PHP, Javascript, HTML/CSS, Elasticsearch, Node.js, Apache Spark, BigQuery, Redshift, Jenkins, HAProxy, Nginx, Vagrant
- Worked with Windows/OS X/Linux, AWS, Google Cloud, Datadog, Scalyr, Splunk, NewRelic

WORK EXPERIENCE

Shopify; Remote / Honolulu, Hawaii
Senior Site Reliability Engineer   **July 2020 – Present**

- Developed an internal chaos engineering tool to simulate various failure conditions to improve resiliency across various services
- Built automation to leverage existing firewall/WAF tools to protect core platform services during high volume flash sales
- Assisted with incident response/management to ensure core services remain within service-level objectives
- Collaborated with other SREs on building a chat-operations bot to help with infrastructure management

Wistia; Remote (NA/EU/APAC) / Cambridge, Massachusetts
Staff Software Engineer, SRE   **April 2015 – July 2020**

- Led projects to reduce expenditures ($1MM+ over several years) such as consolidating infrastructure from Rackspace to AWS and migrating video delivery proxying to ARM64 instances from AWS ALBs
- Designed and implemented solutions to improve productivity via staging branch deployments and massively parallelized unit/end-to-end test execution (reducing test execution times by 85%)
- Collaborated with other SREs on building an in-house platform as a service (PaaS) tool on top of Kubernetes to reduce time to production and streamline deployments for all services
- Developed and maintained in-house automated cluster provisioning tools for Kubernetes on AWS with Terraform/Packer/Chef to enable homogenized dev/staging/production environments and easy auditability with infrastructure as code
- Led projects that improved resiliency and availability of core services during various failure modes
- Assisted with ongoing infrastructure maintenance for our non-managed datastores such as NSQ and analytics MariaDB shards
- Coordinated with other product engineering teams to resolve security issues found through our private security bug bounty program and 3rd-party security audits
- Participated in incident response and on-call duties for core services to ensure reliability and uptime within service-level agreements
- Developed enhancements to the existing product such as improvements to in-app analytics reporting, transcoding and mobile HLS video playback

Ooyala; Mountain View, California
Software Engineer - Analytics   **March 2014 – March 2015**

- Built interactive real-time dashboards and pages of Ooyala's next-generation analytics product with Golang, D3.js/Highcharts.js, Coffeescript, and CSS/SASS
- Revamped existing tools to assist with debugging and optimizing iteration speed

Software Engineer Intern - Apps Platform   **Summer 2013**

- Implemented an LDAP authentication integration for an in-house PaaS system (Atlantis)
- Developed web UI with Backbone.js to allow engineers to easily manage deploys for Atlantis

ExactTarget, a Salesforce.com company; Indianapolis, Indiana
Software Developer Intern - Email Products   **May – November 2012**

- Maintained and implemented new UI enhancements/functionality with Javascript (jQuery/Node.js) in existing client marketing applications
- Co-developed a single page application on Backbone.js/Node.js that allows marketers to insert dynamic content in email sends based on location and time

EDUCATION

Rose-Hulman Institute of Technology; Terre Haute, Indiana
Bachelor of Science, *cum laude*, Computer Science   **May 2014**