

Max Countryman

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EXPERIENCE

Infrastructure Engineer, Curology January, 2018

DevOps, Back-end, operations, product management. Python, SQL, AWS, Terraform.

- Re-designed AWS network topology from the ground up, moving RDS, Redshift, and Elasticache into a secured network
- Architected an optimized deployment flow via Codeship, saving ~15mins per deploy cycle and enabling faster development overall
- Led “scaling” pod through several projects to create internal software; e.g. often components of a provider-facing admin dashboard
 - “Follow up Consults” reduced the number of patient messages providers see, increasing provider bandwidth
 - NLP message labeling enabled us to route ~20% of messages directly to support

Lead Software Engineer, RankScience August, 2016 August, 2017

Full-stack engineering. Back-end, front-end, operations, and distributed systems. Clojure, JavaScript, Node.js, React, Aleph, Netty.

- Led development of multi-tenant, highly-available CDN for 25+ customers
- Dynamically transformed streams of >2 billion requests per month
- Built Clojure-based HTTP proxy handling 1000s of requests per second
- Led operations team through migration from Elastic Beanstalk to CloudFormation, improving latency by 50-60ms

Software Developer, LiTL January, 2012 August, 2016

Back-end, service-oriented development, distributed systems. Python, Flask, MongoDB, PostgreSQL.

- Implemented media-aggregation service, handling 100s of millions of photos and videos
- Implemented metered billing for image resizing service, increasing revenue 10-15x

TECHNICAL SKILLS

Languages: Python, Clojure, ClojureScript, JavaScript

Technologies: PostgreSQL, AWS, Flask, Node.js, Express, React, Aleph, Netty

GitHub Profile: <https://github.com/maxcountryman>

EDUCATION

The Evergreen State College, Olympia, WA — Bachelor of Arts, 2006–2009

University of Miyazaki, Miyazaki, Japan — Study Abroad, 2007–2008

Eastern Washington University, Cheney, WA — Minor, Japanese, 2004–2006

REFERENCES

References available upon request.