MATTHEW CHAVEZ

SR. SOFTWARE ENGINEER • DEV OPS

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SUMMARY

Software engineer who started out doing full stack web development in ruby. Since my start I have taken on iOS apps, manage full infrastructure with dev ops tools and branched out into other languages like go and python. In addition, I publish and maintain a large variety of open source projects on Github. I am comfortable managing projects and am able to see them through with a focus on testing, metrics profiling, maintainability and extensibility. I believe empowering the people around you is far more valuable than micro-managing. Working in a small team atmosphere where collaboration, transparency and choosing the right tool for the job is something I value and enjoy.

SKILLS

- <u>Cloud hosting</u>: Amazon Web Services (AWS), various others
- <u>Configuration management</u>: Ansible, Packer, Terraform, Consul Template, Hubot
- <u>Cluster management</u>: Consul
- <u>Metrics</u>: InfluxDB, Statsd, collectd
- <u>Monitoring</u>: NewRelic, Nagios
- <u>Alerts</u>: Pager Duty, CloudWatch
- <u>Logging</u>: Logstash, Kibana, ElasticSearch
- <u>Databases</u>: PostgreSQL, Redis, MySQL, MongoDB, Riak, DynamoDB, RDS
- <u>Cache</u>: Memcached, Redis
- <u>CDN</u>: CloudFront, Cloudflare
- <u>Messaging</u>: RabbitMQ
- <u>Workers</u>: Celery
- <u>Load Balancing</u>: ELB, HAProxy, Nginx
- <u>Container Management</u>: Docker (Machine, Compose, Swarm)
- <u>Virtualization</u>: Vagrant, VirtualBox, VMWare Fusion
- <u>Web stack</u>: Ruby, Rails, Passenger, Python, Tornado, uWSGI, Jinja, CoffeeScript, Javascript, CSS, SASS, Django, Python, Gunicorn, Node.js, React.js, Backbone.js
- <u>Other languages used in stack</u>: C, Erlang

WORK EXPERIENCE

9/2014 – present   **Guidebook**
Sr. Software Engineer   http://guidebook.com

Came on board to lead a full re-organization of company infrastructure in preparation for a v3 rewrite of the Guidebook site. Previous infrastructure managed via fabric in python and manual scripts to set up servers with AMI snapshots to bring up new nodes. I introduced and

implemented new technologies to help drive the management, and self-documenting, of the new infrastructure to more easily understand the environments for various nodes and easier management of changes and deployments of nodes.

Key Projects:

- Introduced Ansible as a configuration management tool
- Re-architected all new infrastructure and introduced dev op tools to manage servers
- Managing dev/staging/production parity with Vagrant and Ansible
- Introduced continuous integration to deploy to clusters of machines

3/2013 – 4/2014   **Kiip**
Sr. Software Engineer   http://kiip.me

Came to Kiip as a backend Software Engineer to help scale and manage our large scale ad reward network. Spent the majority of my time building out services to improve performance and reliability of the code and site as well as helping out with infrastructure management and configuration with our Dev Ops lead. Helped introduce Golang to tech stack as well as helped move from Puppet to Ansible.

Key Projects:

- Built service in Go to replace Python code logic for serving our ad inventory
- Built a Riak proxy in Go to improve our PUT and GET times
- Helped move from Puppet to Ansible
- Managed metrics dashboards displayed around the office

5/2011 – 3/2013   **AuthorityLabs**
Lead Developer / Software Engineer   http://authoritylabs.com

I came to AuthorityLabs as the first technical hire to work with the CTO to help build and maintain a network of scraping workers, a client facing API service as well as re-write the client web. Systems were built with scalability in mind to process millions of requests a day as well as allow users to access their all time history of SEO rankings. MongoDB is used to store massive amounts of search rankings a day.

Key Projects:

- Built service in Go to replace Python code logic for serving our ad inventory
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- Helped move from Puppet to Ansible
- Managed metrics dashboards displayed around the office

EDUCATION

2005 – 2009   Arizona State University   Tempe, AZ
B.S. Computer Science w/emphasis in Software Design

CERTIFICATIONS

12/2013   Coursera   Stanford, CA
Stanford Machine Learning