$ whoami

BRIAN RACER

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SUMMARY

I'm a well rounded full stack software engineer with experience across a spectrum of technologies including web development, infrastructure operations, performance, security, and computer graphics.

SKILLS

- 8+ Years of Ruby and Rails.
- 5+ years of lead or senior Operations/Infrastructure positions managing large, modern infrastructures on AWS
- Comfortable with frontend development and testing. Recent projects included React, React Native, Redux, Scss, ES6, Jest
- Experience at all levels of the web development stack. Anything from writing browser extensions to injecting C code into a live process via GDB.
- Familiar with many attack vectors and security concerns at all layers of the stack.
- In my freetime I enjoy drawing, piano, music production, reading, photography, aviation, and game development.

EXPERIENCE

Contractor, iTriage / Aetna

Denver, CO — Nov 2016 - Present

Generalist developer working with Elixir, Ruby, React, and RabbitMQ. Primary responsibilities included working on a high performance Elixir based gateway and Apple Wallet integration.

Founder, Deny Boredom / denvertainment.com

Denver, CO

Technical co-founder of local entertainment website. I created the 'Playbook', a mobile app to redeem BOGO deals around the city.

- Rails / React / React Native / Redux
- Partial API in Elixir / Phoenix
- Wordpress with modern containerized development workflow - PHP7, SCSS, Webpack, gulp pipeline
- Ansible, Docker

Senior DevOps, Tilt, Inc (YC '13, acquired by Airbnb '17)

San Francisco, CA — Feb 2014 - Feb 2016

I worked remotely while at Tilt, a YC13 startup based around group payments. Infrastructure was hosted on AWS. I maintained, optimized, and built custom tooling around that infrastructure.

A sample of technologies I employed:

- Numerous AWS Services: EC2, S3, Lambda, VPC, ELB, CloudFront, RDS, CloudFormation, Beanstalk, IAM Roles, KMS, SQS, SNS, ElastiCache, AutoScaling
- Managed a fleet of 50-100 instances
- Log pipeline with Logstash, Elasticsearch, Kibana
- System and some application metrics with InfluxDB
- Monitoring pipeline with Nagios, PagerDuty and custom tooling
- Automation via Cloudformation, Chef, some Ansible
- Synchronized multiple datacenters across the globe
- Vagrant, Docker for development and testing
- Lots of custom scripting and dashboards - bash, ruby, node
- Performance tuning PostgreSQL

- Dynamic CI environments with Jenkins

Founder, Monicur
Denver, CO — Nov 2013 - May 2014

Technical co-founder of mobile app used to manage business cards and contacts at conferences. A key feature was business card OCR.

- Rails API backend
- Cordova mobile app for iOS, Android
- Small amount of native code on each mobile platform

Sr. Software Engineer and DevOps Lead, Zaarly, Inc
San Francisco, CA — May 2011 - Nov 2013

I worked remotely while at Zaarly, an SF based startup creating a marketplace where people can make money doing what they love. My primary objective was managing the infrastructure (~50 EC2 instances, 100% Linux) and building tools around that infrastructure. Tasks also included measuring and optimizing application performance.

- Owned all decisions related to infrastructure and security.
- Developed various web and cli based tools, many employing Rails, Ember, D3, RSpec.
- Other Tools: Chef, Sensu, Logstash, Postgres, Rails, Node.js, coffeescript, Ember.js, D3 viz, elasticsearch, statsd, graphite, vagrant, docker, shell scripts. Many others as well.

Lead Developer, YapTime
Denver, CO — Jan 2010 - May 2011

Developed a group communication, sharing platform, and phone app. Basically Facebook for private groups.

- Technologies included Rails, RSpec, Backbone, Sencha, PhoneGap
- Real time chat (Node), image tagging, private messaging, document sharing

Founder, Jetpack Web
Eau Claire, WI & Denver, CO — Aug 2007 - Current

Development boutique with a focus on performance and security on LAMP and Rails stacks. Some projects included http://volumeone.org , http://www.onyourmoney.com , http://boniver.org , http://bandwith.org

Developer, First Net Impressions
Eau Claire, WI — Aug 2004 - Aug 2007

Developed dozens of client sites and apps on the LAMP stack.

EDUCATION

University of Wisconsin - Eau Claire
Computer Science — 2005 - 2007

University of Wisconsin - Milwaukee
Computer Science — 2001 - 2002