



# Jonathan Baugh.

DevOps Engineer.  
Web Developer.

## Skills.

### Terraform



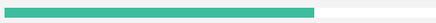
### Python



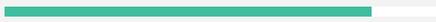
### Continuous Integration (CI/CD)



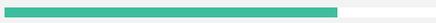
### Containerization / Kubernetes



### Web Development (general)



### Amazon Web Services (AWS)



### Linux Configuration



### Creating Resumes

(obviously)

### Web Application Security



### Test Automation



## Goal.

I'm looking for near 100% remote freelancing opportunities helping organizations up their game.

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## About Me.

I'm a freelance software engineer living in Spain. I love to make developers more effective through automation and building new tools which alleviate pain points for developers and the business.

## Experience.

### Sr. Software Engineer

Terminal, Inc. - Remote (May 2020 - Present)

After ROIKOI's acquisition, I re-joined the team to build out a suite of technical assessments for Terminal's most in-demand languages, and help with the software development efforts. As the team grew, my workload shifted toward improving CI/CD pipelines, expanding automated testing capabilities, operational monitoring, and helping developers troubleshoot issues.

**Tools:** *Google Cloud Platform (GCP), Google Cloud Build, Python, React, Terraform, HackerRank, SumoLogic, Sentry, GitHub, Slack, JIRA*

### Sr. DevOps Engineer

Mobiquity, Inc. - Amsterdam, NL (Mar 2019 - Mar 2020)

With the DevOps team at Mobiquity we built Infrastructure as Code (IaC) solutions for a banking project in the Middle East. Over the course of the contract we transitioned automation from CloudFormation to Terraform, supported multiple API and mobile development teams, and worked directly with the client to help them meet their infrastructure and security needs.

**Tools:** *Terraform, Terragrunt, AWS, CloudFormation, Python, Jenkins, Packer, Kubernetes, Docker, JIRA, Confluence, GitHub*

### Sr. Software Engineer

ROIKOI, Inc. - Remote (June 2016 - Feb 2019)

We built a referral sourcing platforms on Django/Python running in AWS. I helped to develop the continuous integration pipelines and automated deployments to multiple regions. My previous experience helped the company achieve a number of organizational goals around security, compliance, reliability, and scaling.

**Tools:** *Django, Celery, Python, AWS, Elastic Container Service, ElasticSearch, Redis, Oracle Cloud, Terraform, JMeter, BlazeMeter, Sumo Logic, JIRA, GitHub*



## Side Projects.

### Porkay

*"Stack Overflow but reversed."*

With Porkay the questions are king. Unlike answers, questions have the power of possibility and by focusing on finding great questions I think teams and individuals will be able to unlock their full potential.

**Tools:** Django, Python, Terraform, Kubernetes, GitLab

### upmail.io

*"A 100% serverless email platform."*

Upmail is an email platform similar to SendGrid built entirely on serverless technology. My goal was to create an email service which has the lowest overhead and most scalability possible.

**Tools:** AWS Lambda, AWS SES, DynamoDB, Python, Terraform, React, CloudFront, AWS S3

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## More Experience.

### DevOps Engineer

GfK:Drive - Amsterdam, NL (Mar 2017 - Aug 2017)

The company had a great deal of operational technical debt that built up over the lifetime of the company. In my short time there, we were able to implement monitoring, alerting, and dashboarding using Splunk, achieved greater operational stability with automated testing of IaC, and put a little more "Dev" in the DevOps team.

**Tools:** Splunk, Python, Redis, PHP, Apache, JIRA, GitHub

### Lead DevOps Engineer

Whole Foods Market - Austin, TX (Nov 2014 - May 2016)

As a web developer I noticed common problems across the various teams that I knew, given the opportunity, we could eliminate to make our developers more effective. Working with management and our architect we built a team of myself and 7 other DevOps engineers to begin improving our developer's workflows, increasing all the "ilities" (stability, availability, scalability, etc...). Along with these efforts we began the process of migrating to AWS and infrastructure automation using Ansible.

**Tools:** Ansible, AWS, Python, Vagrant, Sumo Logic, New Relic, PagerDuty, JIRA, BitBucket, HipChat

### Sr. Web Developer

Whole Foods Market - Austin, TX (Jun 2013 - Nov 2014)

Our team at Whole Foods Market built and maintained all of the non-profit sites and internal microsites for the marketing team. Much of this was built on Wordpress though we helped support the public Drupal site when needed. This was also where I started to get really into process improvements as the team was transitioning to Agile SCRUM.

**Tools:** PHP, Wordpress, CakePHP, ExpressionEngine, Drupal, NodeJS, JIRA, BitBucket, JavaScript, HTML, CSS

### Lead Developer

XYZ Steam Hosting - Austin, TX (Aug 2007 - Aug 2015)

I really cut my teeth at XYZ. We initially started by building MySpace widgets to sell MP3s before iTunes took over most of the market. We then pivoted and built a streaming/on-demand media platform capable of transcoding for multiple device formats. We built everything on top of Zend Framework, and MySQL with OpenLava used for scheduling streaming servers across dedicated servers in different data centers. The company was small and I learned so much by having to wear multiple hats often switching from design work, backend programming, testing, server setup, and orchestration in a single day.

**Tools:** PHP, Zend Framework, MySQL, OpenLava, Wowza, Ubuntu, Flash, PhotoShop, JavaScript, HTML, CSS