

# JURAWA HALLEN

Senior DevOps & Infrastructure Engineer with 10+ years of experience building creative, sustainable web applications and architecting their supporting infrastructure. Arrived here by way of philosophy, event planning, graphic design and full stack development. Enthusiastic about reliability, enabling collaboration, agile principles and learning new tech.

## PROFESSIONAL EXPERIENCE

- 2022  
|  
2020
- **Senior Software Engineer**  
Better.com 📍 Remote / New York, NY
    - Led the migration of 200+ microservices to Spinnaker to increase CD reliability, improving release confidence and enabling advanced deployment strategies: blue/green, canary, and smoke tests with auto rollbacks.
    - Built custom Helm Chart templating libraries and Terraform modules to ensure simple yet customizable infrastructure configuration across all services, while ensuring consistency in cloud resource usage, monitoring, ephemeral testing environments and CI/CD.
    - Created and maintained AWS infrastructure including: 6 Kubernetes clusters running thousands of service instances on EKS, 100+ RDS instances, Route53 / Cloudfront / Traefik for networking and MSK & AMQ for messaging. Configured autoscaling, observability and alerting in Cloudwatch and Datadog, participated in on-call rotations.
    - Enhanced developer experience for over 400 engineers: created, documented, presented and provided support for tools to automate and streamline development and deployment.
- 2020  
|  
2019
- **Senior Full Stack Engineer**  
b8ta (acquired Brickwork Software, January 2019) 📍 Remote / New York, NY / San Francisco, CA
    - Implemented and ensured reliability for infrastructure powering 25+ retail stores, the b8ta.com e-commerce engine and partner SaaS portals. Built on GCP using Kubernetes Engine, Cloud Build, Datastore, Pub/Sub and BigQuery.
    - Developed backend API on Rails, frontend client-facing apps using React, and supporting services for authentication, asset management, integrations and analytics.
    - Created internal CLI tools to increase developer productivity and code consistency; integrated with Google Cloud Build, Kubernetes, GitHub, PostgreSQL, Cloud Datastore.
- 2019  
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2016
- **Senior Software Engineer**  
Brickwork Software (acquired by b8ta, January 2019) 📍 Remote / New York, NY
    - Built a SaaS platform enabling increased online to offline conversion for retailers via appointment booking, event management and data syndication. Clients included Nike, Saks Fifth Avenue, Chanel, J.Crew and Urban Outfitters.
    - Planned and executed re-architecture of a monolith Rails app into over 15 microservices to increase scalability, provide separation of concerns, and speed deployments.
    - Converted platform to implement infrastructure as code using Ansible for configuration management on AWS, Docker for containerizing apps and Jenkins for CI and CD.
- 2016  
|  
2012
- **Full Stack Web Developer**  
True&Co 📍 San Francisco, CA
    - Developed and maintained trueandco.com, across all layers of the stack: DevOps / systems administration, server-side & front-end development, DB management, and UX/UI/graphic design.
    - Architected cloud server infrastructure on Joyent using Ansible and Docker to grow from 1 to 20+ servers, directed release cycle, managed development, staging, test and production environments.
    - Implemented encapsulation of business logic using state machines, custom payment integrations (Stripe / Paypal), authentication (Authlogic / Devise / OAuth 2.0), internal administration (Active Admin), search (Elasticsearch / Searchkick), and external API integrations (third-party logistics / Facebook Login / FedEx).

✉ jurawa@gmail.com  
☎ 617.610.0089  
🌐 jurawa.com  
🌐 linkedin.com/in/jurawa

## SKILLS & TOOLS

### DevOps & Infra

AWS / GCP  
Kubernetes / EKS / GKE  
Terraform / Helm  
Spinnaker  
Docker  
Buildkite  
Jenkins  
CI / CD  
NGINX / HAProxy  
Bash / Shell

### Back-end

Ruby / Rails  
Python  
Node.js / Express  
RSpec / Capybara

### Databases

RDS / Cloud SQL  
PostgreSQL  
MySQL  
Redis  
Elasticsearch  
MongoDB

### Front-end

React  
JavaScript / CoffeeScript  
Jest / Mocha / Jasmine  
jQuery  
HTML / Haml  
CSS / SCSS  
Responsive Design  
UI / UX

### Monitoring & Optimization

Datadog  
New Relic  
k6 / Locust  
Optimizely

### Process & Methodology

Git / GitHub  
Agile Development  
Service-Oriented Architecture  
TDD / BDD

2014  
|  
2010

### ● **Contract Web Developer**

Jurawa Design

📍 New York, NY / San Francisco, CA

- Designed and developed custom CMS based websites: focus on efficacy, simplicity, style and UX. Projects included: Learned Evolution, Job Fusion, Orchard Lounge & The Meta Agency. Portfolio: [jurawa.com/portfolio](http://jurawa.com/portfolio)
- Managed client IT needs: server implementation and configuration, web hosting.
- Collaborated with design firms and managed independent designers & developers.

2012  
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2008

### ● **Coordinator, Web Communications and Graphic Arts Events and Communications Coordinator**

The New York Stem Cell Foundation

📍 New York, NY

- Managed web presence: technical development, hosting, content supervision, email marketing and social media.
- Produced and coordinated graphic design across 5 departments: in-house design for web and print, managed relationships with freelancers and vendors.
- Executed full-site redesign and CMS upgrade in-house: savings exceeding 30k.
- Planned and produced 10+ events per year, including the NYSCF Annual Translational Stem Cell Research Conference, an internationally recognized scientific meeting drawing over 400 delegates.



## EDUCATION

2007  
|  
2003

### ● **The George Washington University**

Bachelor of Arts in Philosophy

📍 Washington, DC

2006  
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2005

### ● **University of Otago | Accademia Italiana**

Study Abroad Programs: Philosophy | Graphic Design, Photography, Fine Arts

📍 Dunedin, New Zealand | Florence, Italy