

# BJORN BORGONIA

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## SKILLS

- Strong understanding of JavaScript and deep experience with a number of JavaScript frameworks including React and Angular.
- Many popular Server Side Web Frameworks including Hapi, Express, Rails, Gorilla, and Phoenix.
- Many Web software testing frameworks including Jasmine, Mocha and Lab.
- Many popular SQL and NoSQL databases such as Postgres, Cassandra, and DynamoDB.
- Some native development languages such as Objective-C and C++.
- Containerization with Docker, rkt and Kubernetes.
- Some deployment tools such as ansible and chef.
- Many Penetration Testing tools from Kali such as metasploit and nmap.
- Obsessed with tests, shell scripts, and automation.

I am a passionate and experienced Automation Engineer wanting to leverage my skills in designing scalable infrastructure, improving security, site reliability, infrastructure management, automation, deployment and site performance.

## EXPERIENCE

### WEBMOCHA — SR. SOFTWARE DEVELOPER AND SRE

07 2018 - PRESENT | SEATTLE | WEBMOCHA.COM

Manages software projects and team as technical lead. Manages and maintains client and internal server infrastructure as an SRE. Creates CI/CD pipelines as an automation engineer.

### EXTREME ARTS & SCIENCES — SR. DEVELOPER AND SRE

10 2017 - 07 2018 | SEATTLE | EASCI.COM

Modernizes technology stacks with improved workflows and automation. Enforces best code and security practices. Documents developer processes, SysOps procedures, and security policies.

### PURELY FUNCTIONAL — SR. SOFTWARE AND PLATFORM ENGINEER

03 2011 - 10 2017 | HONOLULU / SEATTLE

Architected, secured and maintained all automation processes and infrastructure for digital products and services. Compute and networking configurations were hosted by AWS spanning across several services including EC2, S3, Cloudfront, Route53, SQS, DynamoDB, RDS, ElastiCache, EFS, VPC, ELB and ALB. Hosted projects on Google Cloud platform leveraging FireBase and Kubernetes.

### DEV LEAGUE — CURRICULUM DESIGNER AND LEAD INSTRUCTOR

03 2013 - 10 2017 | HONOLULU

Developed curriculum, facilitated courses, and lectured on specialized subjects such as frontend frameworks, best practices, and application deployment, for the full-stack web application development bootcamp. Trained all instructors on how to effectively present complex programming topics and challenge students to develop and maintain habits that demonstrate independence and self-motivation. Organized new bootcamp tracks, and community events.

### CIRCAVICTOR — SR. SOFTWARE, SYSOPS, NETWORK SECURITY

02 2017 - 04 2017 | WASHINGTON D.C.

Developed microservices, data translation/migration tools, educated and enforced network security measures and deployment workflow.

### HUMANHAND — CTO, SR. SOFTWARE ENGINEER

08 2008 - 09 2015 | HONOLULU

Created and trained a web team to build content management systems and e-commerce web applications.

### TEAM VISION — SR. SOFTWARE ENGINEER

01 2006 - 08 2008 | HONOLULU

Developed e-commerce web applications, enterprise web solutions, and interactive marketing websites.

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## AWARDS

- DevLeague ranked top ten 2017 Coding Bootcamps Switchup
- NASA Space Apps Honolulu Site Hackathon Winner 2017
- Node Knockout Global Hackathon Winner 2017
- AT&T Statewide Hackathon Winner 2016
- DevLeague ranked top twenty 2016 Coding Bootcamps Switchup
- Awarded with 2 Pele Awards for client-side UX in 2008

## EDUCATION

### GOOGLE CLOUD PLATFORM

05 2018 Google Cloud Certified - Associate Cloud Engineer

### AMAZON WEB SERVICES

06 2016 AWS Certified Solutions Architect

06 2016 AWS Certified Developer

07 2018 AWS Certified DevOps Engineer - Professional

### HAWAII PACIFIC UNIVERSITY

06 2010 Management of Information Systems

## PROJECTS

### IATA FLIGHT PLAN

2019 | IATA 2019 HACKATHON | IATA2019.AIRSHIPCMS.IO

- Built a realtime live coding tool for local or remote technical training.
- Socket server and presenter command line interface are built with golang.
- Web UI is built with Angular4.

### MEDICAL STARTUP (ALIAS)

2018 - 2019 | WEB MOCHA

- Set up a CI/CD pipeline with Jenkins that automatically provisions and deploys staging sites for each passing branch.
- Wrote automation scripts for build, CI, and deploy using Docker Compose.
- Wrote Dockerfiles for dev, and CI environments.

### ENTERPRISE CLOUD PROVIDER (ALIAS)

2016 - 2017 | WEB MOCHA

- Wrote microservices as part of a large Infrastructure Management System for an Enterprise Cloud Provider.
- Contributed to a React frontend UI for the Infrastructure Management System.
- Wrote dockerfiles for the deployments of several microservice components and the React UI for the Infrastructure Management System.
- Wrote tests for Go, React, and Express projects.

### AIRSHIP CMS

2013 - 2017 | PURELY FUNCTIONAL | AIRSHIPCMS.IO

- Set up scalable and highly available infrastructure for web deployments.
- Configured web security standards.
- Architected Auth0 integration for all users on the system.
- Wrote a command line deployment tool in Haxe to C++.
- Set up scalable and fault tolerant message queue based jobs and workers.
- Wrote several internal tools to help with internal testing on alpha and beta environments.

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## PROJECTS

### LIVECODEWITH.ME

2016 | GOMA GAMES | LIVECODEWITH.ME

- Built a realtime live coding tool for local or remote technical training.
- Socket server is built with golang.
- Presenter command line interface is built with golang.
- Web UI is built with Angular2.

### SAFWORD

2017 | ANGELHACK HACKATHON WINNER | SAFWORD.AIRSHIPCMS.IO

- Built an Amazon Alexa Skill to interact with a serverless API.
- Serverless API communicates with a Raspberry Pi.
- Wrote a daemon to run on Raspberry Pi to capture video and upload to S3 in golang.

### CIRCA VICTOR

2017 | CIRCA VICTOR

- Wrote and deployed microservices to manage big data sets.
- Set up infrastructure to handle and serve big data.
- Set up internal services for developers to deploy internal projects.
- Wrote an inferno UI for one of the microservices that performs custom big data queries, dumps the data in an AWS S3 bucket, and provides a link to download the results.
- Wrote a CSV transposing tool in Go and Elixir.

## WORKSHOPS / COMMUNITY

### WEB DEVELOPMENT & DEV OPS

- 07 2017 HACC: Creating an "MVP" Training Workshop (Organizer & Presenter)
- 01 - 04 2017 Monthly training sessions on Networking & AWS (Presenter)
- 05 - 06 2017 Training sessions on Docker (Presenter)
- 08 2016 Extreme Web Performance Optimization (Presenter)

### GAME DEVELOPMENT / STEM

- 2015 - 2017 Global Game Jam Hackathon (Organizer)
- 2013 - 2016 Developed & Instructed Summer Tech Program at La Pietra
- 2013 - 2016 STEM Conference Game Development Workshops (Presenter)