



ricky  
**BROWN**

Developer, Leader, Architect.

... also falconer



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#### Location

Kirkland, WA

#### Phone

425.748.4582

#### Web

[rickybrown.github.io/resume](http://rickybrown.github.io/resume)

#### Email

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## INTRO

Thoughts & objective

14 years in web development, 7 years developing full-stack applications, reliable intuition, natural leadership abilities. I began as a self-taught developer and architect. Life has taught me to be resourceful - to find ways to solve problems

without waiting for someone to give you the answer, and to enjoy doing it. I've had the pleasure of working with startups, mid-sized companies, and large enterprises.

There are plenty of jobs in tech, so I look for jobs. I'm always looking for my best opportunity to learn, grow, inspire, and build out resources to support amazing platforms, I want to do work that I'm proud to put my name on, whether its with a big company or just a team of two. I've never been afraid of change or incapable of failing fast - success depends on it. I like high level planning, and I like doing work that matters.

## EXPERTISE

Skills & technology

### 01 FRAMEWORKS & STACKS

Ruby on Rails, Express JS, AngularJS, Angular 6, Ionic, Cordova, ReactJS, MEAN Stack, GRAND Stack.

### 02 LANGUAGE & SYNTAX

Shell, Ruby, JavaScript, TypeScript, HTML, CSS, SASS, CoffeeScript, ERB, Cypher QL

### 03 DATABASE & ORM

PostgreSQL, MongoDB, Neo4j, ActiveRecord, Sequelize, Mongoose, Redis

### 04 AR / VR / MR

Microsoft HoloLens, HTC Vive, WebGL, Unity3D, Three.js. Built projects for Microsoft & Tukwila

### 05 BUILD & PACKAGE

NPM, Bower, Bundler, Rails Assets for dependency management. Gulp, Rake, and Webpack to run tasks/build assets

### 06 PAAS

AWS - EC2, ECS, EB, RDS, S3, ElastiCache, Cognito, Lambda. Microsoft Azure, Digital Ocean, Heroku, GrapheneDB

### 07 BLOCKCHAIN

Etheruem, Catapult (nem2 - private beta), HyperLedger, Cryptocurrency/Platform tokens, Changly Exchange API

### 08 ETHICAL HACKING

SQL Injection, Man-in-the-Middle, DoS/DDoS, Fake WAP, Phishing, ClickJacking, hidden/encrypted file

## EXPERIENCE

### Places I've impacted

2018 – Present

#### MTHASH

CTO

Seattle, WA

<http://www.mthash.com/>

An early stage startup, the goal of MtHash is to make Hash Power accessible to the masses through our token-distributed hash power and marketplace exchange platform, and to pay users in crypto in efforts to induce mass adoption of crypto. MtHash wants to offer a passive-income opportunity to the masses, and make investment easy. I was brought in to run the tech side, which includes building our own blockchain, our "Arcade Mining" platform, and the new web portal.

2017 – Present

#### HUMAN EXPERIENCE INNOVATION

Solutions Architect

Bellevue, WA

<http://ruptive.cx>

HXI is a small company we built inside of Indigo Slate. I focus on architecture, deployments, and scalable, modular development strategy. I build API's and user authentication flow, subdomain-based multitenancy, and most importantly I write the Cypher queries for the platform and for drawing conclusions from customer data. We run real-time workshops with live data push (websockets and Bayeux protocol)

May 2016 – Present

#### INDIGO SLATE

Senior Software Developer

Bellevue, WA

<http://www.indigoslate.com>

<https://vimeo.com/215237513>

A digital marketing agency offering a wide spectrum of opportunity for "sizzle" projects with various clients. Working at Indigo Slate is not about checking off boxes, it's about dreaming big for the client and working together with teams to find ways to make those dreams real. Winning two innovation awards (for FY 2017 & 2018), I delivered great work at Indigo in all areas across the stack. While full-stack-capable, I focused mostly on backend development, deployments, & High Availability architecture.

**Example Project:** SVG/JS Game showcasing HA at Microsoft Ignite, using Dockerized instances scaled & orchestrated by a server cluster running DCOS & Marathon (from Mesosphere).

<https://twitter.com/hashtag/maxuptimecontest>

● Oct 2016 – Nov 2017

## NEXME

Software Developer & CTO

Bellevue, WA

<http://nexmeapp.com>

A Startup preparing to make a splash in the archaic areas of the real estate industry. I started as a developer and quickly replaced the CTO. I brought vision, passion, and drive to the table, strategizing on how to deliver right-now realities while retaining capabilities for scaling and managing a potentially explosive future. I built the central API for NEXME's mobile app - including recurrent payments, websocket channels, and geocoding home addresses. I wrote background jobs that run against Northwest MLS to process home listing data and sync with our database. I dockerized the API, using AWS ECS to handle docker cluster deployments and autoscaling.

<http://nexmeapp.com>

● Apr 2013 – Dec 2015

## OVERLAKE HOSPITAL MEDICAL CENTER

IS Customer Service Analyst

Bellevue, WA

<https://www.overlakehospital.org>

Though a traditional-styled organization, my team at Overlake was vibrant and operated like a family. My time at Overlake helped me develop the skills to work, communicate, and get along well in more traditional corporate styled organizations. My role was to support Medical Staff, troubleshoot network and server problems, remote deploys, support the helpdesk, and put my mind to designing emergency solutions such as an "ebola room". In efforts to help the team further, I unleashed my other skillset of writing code and began developing internal applications that are still used by the IS department on a day-to-day basis.

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## PERSONAL ENDEAVOURS

Always inspired to build more

● April 2017 – Present

## NONBOX, INC

CEO

Kirkland, WA

<https://nonbox.co>

At nonbox I build hardware and software products that promote internet privacy through anonymity. The nonbox itself began to make a small splash last year, but I took it underground to quietly re-define and build out new prototypes. I developed iOS & Android companion apps as well as bash scripts for auto-installing/setting up a custom linux OS for the nonbox hardware device. There are several projects others are working on for me, which I would be happy to discuss in person upon request.

September 2017 – Present

## **BURNERCHAT**

Kirkland, WA

<https://burnerchat.app>

Completely anonymous chat - no personal info and no recorded messages - encrypted thread between two parties - the signal protocol - blockchain transactions - crypto tools. Burnerchat was built under nonbox, Inc. Some friends wanted a safe way to chat about IP, and I just thought it was fun to build.

Jan 2012 – Apr 2016

## **BRILLIANT LABS**

Inventor & Developer

Seattle, WA

<http://brilliantlabs.co>

Brilliant labs was and currently advertises itself as a freelance app development service. Behind the scenes we are building an innovation/invention lab, and our primary focus will be to provide a service for rapid prototyping client ideas and inventions (hardware or software).

## **AWARDS**

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### **INNOVATION AWARD 2017**

Recognition for tying services together for developers and successfully delivering on fast deadlines for various innovative projects.

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### **INNOVATION AWARD 2018**

Recognition for architecting solutions for Sony and Runtastic. Knee-deep in authentication flow and graph database

recognition for architecting solutions for Sony and Raptive. Knee-deep in authentication now and graph database modeling/querying.

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## OWN IT AWARD 2018

Recognition for owning the work and pushing forward to make things happen, and clearing a path for others.

## A FEW CLIENTS

I've done work for



Microsoft

*Alaska*

SONY

amazon



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