

# Andrew G. Stanton

Entrepreneur \* Principal Software Engineer \* Full-Stack Architect.

LinkedIn: <https://www.linkedin.com/in/andrew-g-stanton/>  
Email: [andrewgstanton@gmail.com](mailto:andrewgstanton@gmail.com)  
Github: <https://github.com/andrewgstanton>

---

## PROFESSIONAL PROFILE

Principal Software Engineer • Full-Stack Builder • Startup CTO

I bring 30+ years of full-stack software development experience — and I still love writing production code. I've held Principal, VP, and CTO roles, co-founded multiple startups, and architected platforms across consumer apps, fintech, and AI tools.

I specialize in React, TypeScript, and scalable web systems — with equal fluency in back-end stacks like Node.js, Java/Spring Boot, and serverless cloud infrastructure. I've worked across all phases of development, from concept to launch and continuous delivery.

I'm currently CTO of StartNation, an equity-first accelerator helping underfunded startups scale through fractional talent. I also actively trade equities and reinvest gains into Bitcoin, real estate, and regenerative ventures grounded in Proof-of-Work principles.

While I focus on my own ventures and trading, I occasionally take on high-leverage engineering and advisory roles where I can deliver immediate impact.

### Focus Areas:

- Full-Stack Development (React / TypeScript / Node.js / Java)
- REST API & Cloud Architecture
- Equity-Driven Startup Systems
- Bitcoin & Decentralized Infrastructure
- Trading Platforms
- Startup co-founder with deep technical and business execution experience
- Delivered high-volume, mission-critical systems for consumer and enterprise use
- Hands-on across all layers of software development — front-end, back-end, and cloud
- Strong foundation in system architecture, DevOps, and agile delivery
- Passionate about Bitcoin, equity-based business models, and technological sovereignty

Core Values: Proof of Work • Clean Execution • Builder Mindset

## EDUCATION

**BS Physics/Math**, University of Hawaii at Manoa

**Graduate Work**, Dept. of Electrical Engineering, University of Hawaii at Manoa

## RELEVANT EXPERIENCE

May 2023 - Present

**CTO, StartNation, Inc,** Leading AI-focused product development and mentoring our growing technical team.

June 2022 - May 2023

**Software Dev Engineer IV, Amazon (AWS)** Contract work through Akarya. Designed, developed, implemented, tested, documented, and delivered large-scale, multi-tiered, distributed software applications, though the specific focus is in improving geocoding capabilities for Amazon's BI (Business Intelligence) tool QuickSight. Languages used primarily Java and Python.

August 2021 - February 2022

**Senior Back-end Engineer, ZipCar** Back-end development contract through Syrinx migrating Zipcar legacy systems to a serverless architecture and adding new features to be released Fall 2021 and Spring 2022. Serverless components for new features are written primarily in Kotlin, Java and some Groovy.

Sept 2020 - August 2021

**CTO, StartNation, Inc,** Client acquisition and business development. Application architecture and management for startups as CTO. Currently managing and architecting development for our platform that brings companies, talents, and investors together to help scale underfunded start-ups. We are using a decoupled architecture for the platform - a headless RESTFUL Java 8 backend with SpringBoot and JWT authentication and a React front-end which I architected, designed, managed and built.

May 2020 - Sept 2020

**Senior Full Stack Engineer, Amazon Lab126.** Full stack development contract through Akarya to build a number of tools used internally for the Lab Finance team. Technologies used included Vue.js, a front-end javascript-based templating framework. The screens updated content using a set of restful interfaces served via a set of AWS lambda functions (in python). Significant API integration and code development with AWS pipelines and serverless components (using lambda functions).

May 2019 - April 2020

**CEO/Principal Engineer, Stanton Web Applications, Inc.** Application API Development, Architecture and Management for startups and non-profits including Folo Lofu and Open Door Legal. API development and integration was done using AWS serverless components and NodeJS (for lambda functions). Also hired to lead engineering for Folo Lofu, where I was responsible for all aspects of software development including architecting, security, prototyping, managing builds, continuous software development, delivery and deployment. Created a fully functioning MVP for the company in 5 weeks, using a completely serverless architecture built on top of AWS. I used lambda functions written in NodeJS to power the APIs in AWS.

May 2017 - May 2019

**VP Engineering, Revere Intelligence, Inc.** Hired as 1st full time employee outside of founding team. Led an engineering team with deep SQL, machine learning and full stack development experience to grow and expand Revere's mission which is to uncover a company's hidden data insights. Architected and built the current version of the software stack using Enterprise Java primarily composed of a set of API methods running on AWS services (EC2, ELBs, S3, Dynamo DB, RDS) and continue to make important daily contributions to the stack to expand core features. Our front-end uses React hosted on S3 and deployed with Circle CI and Elastic Beanstalk and the AWS container service (similar to Kubernetes) and leverages all features of Revere via serverless lambda

functions that send requests to our Java API methods. Avid cryptocurrency investor. Revere is a Draper funded venture. Also looked at hosting certain jobs run on some of our EC2 instances in Docker and Kubernetes containers.

February 2017 - May 2017

**Principal Engineer, Stanton Web Applications.** Real Estate SAAS Applications using blockchains and smart contracts, and prototyping machine learning applications. Fin-tech and machine learning certified through the MIT media lab along w/ additional training. Active in various SF tech user and meetup groups. Developed GetMorty and UniversalWallet.

June 2014 - February 2017

**Principal Engineer/Architect, then VP Engineering, Moasis Global.** Architected and scaled a prototype RTB (Real Time Bidding) location based ad serving system (originally running on Rackspace) using AWS resources to 100K requests/sec over the course of a year, leading to substantial increases in revenue for the company, and grew a team starting w/ 3 engineers to 12 current team members geographically distributed on 2 continents with diverse skill sets. Designed and instituted policies for code development (using JIRA and Confluence), source code management (using git/bitbucket), build releases (using Jenkins) to support multiple platforms (Django, C++, Java) for various components of our system. Intimately involved w/ all aspects of code and database development for our current stack including integration with 3<sup>rd</sup> party data analytical services.

June 2012 - June 2014

**Senior Web Developer/Engineer, RealPage.com, consumer section, LeaseStar.** RealPage developers SAAS based software for Property Managers. Numerous projects integrating the latest technologies into our platform, including Scala/Play w/ Mustache templates (same templates can be used in both javascript/front-end and Scala/back-end processes), Apache/Solr (w/ clustering and replication), IP geolocation targeting, both Bing and Google map API integration, Velocity templates, and minified versions of Prototype.js and jQuery.js. Scala/Play has built in support for Coffeescript and Less, and we are also integrating Jasmine and Backbone into the framework. We recently redeployed our current stack (written in Java/Spring MVC) – [www.mynewplace.com](http://www.mynewplace.com) as a Scala/Play application, including the main home page and important city landing pages.

April 1999 - April 2012

**Independent Consultant / Founder, Stanton Web Applications.** Delivered full-stack web applications across e-commerce, real estate, and enterprise clients using PHP, Java, Python, and emerging cloud infrastructure (early AWS, Rackspace). Clients included U.S. and Japan-based firms.