

## SUMMARY

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With 17 years of professional engineering experience and nearly 10 as CTO or Startup Founder, I have seen it all. I watched the web transform from jQuery to React, from long-polling to web sockets, PhoneGap to React Native, and from monolithic server rendered websites to lean SPAs (and back!).

I have worked with or managed teams small and large, built back-office tools for operations, deployed client facing applications used by hundreds of thousands, and personally launched and exited numerous startups.

In my product and founder roles, I am the sole stakeholder making product decisions assuring that we are firmly on a path to product market fit and beyond. In my CTO roles I strive to be a hands on "wartime" CTO, rapid prototyping business needs and bringing those prototypes to production ready maintainable applications.

A portfolio of my work with images can also be found at <https://dested.com>.

## NOTABLE PROFESSIONAL EXPERIENCE

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### Founder, AI Consultant

March 2023 – August 2023

*DimeADozen.AI/Launchmates.AI | Exited*

An LLM based business validator and launchpad for startups. We help you validate your idea, build your MVP, and launch your business.

- Generated over 40,000 business reports for small business owners and agencies
- Over 1,100 sales at an average of \$62 per sale
- Worked with influencers, growth marketers, and agencies to expand our marketing footprint in novel ways
- Launched MVP in 4 days with sales on day 5

*solid-start typescript tailwind mongodb vercel aws*

### Founder

January 2021 – March 2023

*QuickGa.me | Hiatus*

A web based, 3d, multiplayer game engine built to teach kids engineering skills

- Used by thousands of people to make their own 3d games from right in their browser or tablet
- Multiplayer is handled entirely by the internal engine, works irrespective of latency or device power
- Built for people without game development experience, or even programming experience
- Full coding environment, as well as drag and drop ability to configure logic
- Full voxel editor for models and map layout

*react solidjs typescript mongodb aws webgl webgpu monaco blockly babylonjs*

## Chief Technology Officer / Cofounder

*Clever Rx/ Clever Health | Exited*

August 2018 – July 2023

A full-service virtual care (telemedicine) and prescription pricing platform available to over 100,000 members

- Architected and maintained multiple React Native Android/iOS app written in strict TypeScript
- Architected and maintained a fully stateless RESTful API using Serverless, NodeJS, and strict TypeScript, hosted on AWS API Gateway
- Worked closely with the CEO and executive team to convert business rules into real executable logic
- Managed team of engineers and worked with business leaders to schedule features and releases
- Integrated with several third-party APIs for things such as prescription lookup, drug pricing, video conferencing, doctor consultations, and Twilio IVR

*react react-native typescript mongodb postgresql aws serverless*

## Founder

*DoubleDates | Shutdown*

March 2019 – April 2020

A Social Event Matchmaker built specifically for couples

- Designed business model from the ground up to best suit customer needs
- Worked closely with potential customers to design UX journeys and personas
- Architected and maintained a React Native Android/iOS app written in strict TypeScript
- Architected and maintained a fully stateless RESTful API using Serverless, NodeJS, and strict TypeScript, hosted on AWS API Gateway
- Designed custom modern UI/UX

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## Chief Technology Officer

*STYR Labs*

October 2016 – April 2019

Personal nutrition wellness app used by tens of thousands

- Built the development team from a single engineer to a stable team of 10 in under 6 months
- Outlined and built architecture for a brand-new backend system, database, web portal, and mobile applications, as well as payment processing and order fulfillment
- Pioneered the use of TypeScript, React Native, and Serverless
- Worked closely with CEO to devise and develop features that would affect our business
- Procured and managed relationships with 3<sup>rd</sup> party vendors
- Oversaw the creation and development of 7 mobile applications, 4 web portals, and countless 3<sup>rd</sup> party integrations, used by tens of thousands of paying customers each day
- Integrated a custom hardware stack to support the seamless communication with multiple proprietary Bluetooth devices
- Devised process for backend and application deploys to allow consistent and continuous deploys

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## VP, Architecture *HealthiestYou | Exited*

March 2015 – October 2016

Telemedicine app built for users, sold through insurance brokers  
with over 20,000 enrolled agents

- Led a team of 6 frontend and backend developers
- Oversaw transition to telephony to WebRTC-based doctor video network; resulted in 100,000+ annual membership boost and 12 million dollar annual revenue increase
- Parallelized member feed processes utilizing AWS queueing and server caching system to meet the increasing demand
- Rebuilt backend API layer and purpose-built MongoDB ORM into stable, structured stack; increasing junior .NET developer productivity and onboarding
- Released Ionic-based Android/iOS application; utilized by 100,000+ users daily
- Architected framework for internal and external use web portals; ensured integration capability with 20+ third party networks
- Sold to Teledoc for \$180 Million, the biggest acquisition by them at that time

*angularjs nodejs typescript mongodb aws serverless*