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Highly experienced full-stack software engineering leader with over two decades of experience building greenfield solutions for real-world problems. I enhance my teams' performance and output by bringing a unique perspective built through over a decade building startups, a successful career as a record-setting strength athlete and 6 years battling, and winning, my own personal war with cancer. All while working full-time.

Individual growth and team performance matter, and I am willing to do the work that helps my teams succeed. No challenge is impossible. Healthcare improvements? Clean Energy? Pitching VCs? Pulling 727 airplanes? **Put a mission in front of me and let's get to work.**

StoneX Commodity Solutions: Head of Engineering:

April 2024 – Present

Technologies: C#, .NET Core, Azure, SQL Server, Docker, Web APIs, Blazor

I joined a highly distributed engineering team that was facing significant challenges with alignment, communication, and delivery. By fostering a culture of collaboration, establishing clear processes, and mentoring team members, I helped transform the team into a high-performing, cohesive unit. Morale improved dramatically as we built trust, delivered consistently, and celebrated our wins together proving that even the most distributed teams can thrive with the right guidance and support.

MajorBoost, (AI2) Seattle, WA – Cofounder / VP of Engineering:

June 2020 – March 2024

Technologies: AWS, Google Cloud, Custom Telephony, RDS(PG), Kafka, Redis, DotNet, Maui, Blazor

After showing my automation work on Pazz (see below) to my oncologist, I was introduced to AI2. Founded by Paul Allen, our matching missions to use AI to benefit the world were a natural fit.

I organized pitch practices and pitched VCs. I proposed and implemented several project pivots based on product-market-fit. While growing the team I drove architectural decisions, design patterns, framework choices, prototyped services, and drove team development processes. We built an army of bots that called and navigated insurance IVR mazes, waited on hold, and collected a complete searchable transcription.

I managed the engineering team through the development of a UI that allowed for multiple simultaneous automated calls. I handled database architecture and optimization. I built tools and infrastructure to manage **releases and customer feedback and I worked directly with customers to guarantee their success.**

Rover, Fighting Leukemia / Advisor / Clean-Energy

Jan 2020 – April 2020

Tools: RESTful APIs, iOS, Android, Docker, SCRUM, Agile, Git, Jira

In 2016 post diagnosis, I discovered that due to its rarity most studies related to my disease had less than significant samples to draw from. I aggregated data from many studies into a custom meta study focused on the details of my disease. With the support of my highly experienced oncology staff, I ended up choosing to take an alternate path through treatments. We followed a longer stretch of aggressive chemotherapy. In several ways the standard of care has slid in this direction since.

Using data from medical studies related to my disease and its treatments, I built a routine that included mental and physical efforts to keep my mind and body from failing. In the hospital I walked the halls several miles a day, used resistance bands regularly and designed a structured diet out of the limited options on the hospital menu.

To prevent cognitive decline, I revisited my entire early Computer Science curriculum. I prototyped a LoRaWAN network around south Seattle used to track lost pets. I wrote microcontroller code and advised a clean energy/clean agriculture company about early software architecture decisions. I gave software and data advice to a cannabis dispensary menu-based advertising firm. At Rover I managed a greenfield, on demand, pet grooming product until Covid arrived and wiped out 50% of their workforce.

I used conversational AI tooling to prototype an iPad-based physician's assistant tool I called "Pazz" to **minimize the time and stress required of Clinic staff, and I moved toward the foundation of MajorBoost.**

Distiller, Seattle, WA - Director of Engineering:

Feb 2015 – Jan 2019

Tools: Ruby, Rails, Postgres, RESTful APIs, Heroku, AWS, Azure, iOS, Android, C#, Xamarin, Xamarin Forms, Redis, API Gateways, Docker

I joined Distiller early in its lifecycle and began driving user growth by scaling the platform from a single web app into a growing social network with native clients on all major platforms, served by a Rails backend, all using a variety of cloud services. During my time there we grew from fifteen thousand MAUs to nearly 500 thousand.

During my four years there I drove engineering efforts, infrastructure decisions, content management, and feature design through a continuous series of successful releases. In my time at Distiller, I managed projects and schedules, architected entirely new user facing applications and APIs, across all major platforms. I also drove technical hiring and had a constant drive to provide quality features that could help the company grow.

Moz (SEOMoz), Seattle, WA - Software Engineer

Feb 2013 – Feb 2015

Tools: PHP, Vagrant, Docker, Selenium

I joined Moz as a Software Test Engineer and drove the marketing site's test automation effort using a combination of Selenium UI automation and unit testing. My role then changed to Software Engineer, where I pushed the Moz.com marketing site engineering team toward an agile development cycle, helped maintain containerized development environments, and designed and developed new features.

Microsoft, Redmond, WA – Software Engineer

May 2007 – Feb 2013

Tools: IIS 7.0, 7.5, Visual Studio.NET 2005/2008/2010, C#, XML, SQL Server 2005/2008

Athletic Achievements

2008 – 2017

I considered strongman a long form engineering exercise. While working full-time I trained strategically, managed nutrition obsessively, and tracked my performance across a variety of metrics. I quickly went from an out-of-shape 28-year-old to earning pro status.

- 5x Top-5_ _Competitor at America's Strongest Man
- Helsinki Giants Live Worlds Strongest Man Qualifier
- Team America vs Team Russia in Krasnoyarsk Siberia.
- Unofficial world records in several Atlas Stones events.
- 727 Airplane pull for charity.
- Starred in a television commercial and internet campaign for Car2Go Rideshares.

Earlier Career

2000 – 2007

- Built and deployed a mortgage portal, as well as secure in-branch kiosks for Wright-Patt Credit Union
- Developed a troop deployment planning tool for the US Army Corps of Engineers.
- Built Sony's entire television Extended Service Plan system integrated with Circuit City and Best Buy.
- Built an early web-API-based tax refund payment system that was built on direct integrations with the IRS, Republic Bank financial systems, and custom in-bank kiosks that I designed.