# MATTHEW WHITTAKER

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## MISSION

I have spent most of my professional life striving to channel high value business ideas into elegant and effective technical solutions. Though I genuinely enjoy any technical or business challenge, my favorites lie in the early stages of bringing ideas and visions to reality. My hope is to continue to grow and use my skills to multiply the efforts of smart teams to move the needle in how technology is used in the world we share.

## CAREER SUMMARY

I provide mobile and full-stack engineering leadership for start-up companies of all stages and sizes. Most recently, I founded and bootstrapped a social habit building app called Spar. Prior to this I served as an advisor and consultant to several start-up companies assisting them in rapidly shipping high quality features and new products into market. Using my vast industry experience from greenfield to enterprise, I help ensure these companies keep high technical standards and use the latest best practices. I have founded four companies, worked at IBM's Boston Innovation Center and have led a number of start-up companies to profitability. All of this has given me years of experience in scaling both technology and teams.

## SKILLS

Swift, Objective-C, Xcode, Storyboards, Ruby, Rails, Go, Javascript, Node, Express, KOA, Angular, React, Redux, AWS, Ansible, Chef, Puppet, Python, Django, TDD, BDD, Agile, seasoned UI/ UX experience, Discovery and Recommendation algorithms, Document and Group filtering algorithms, Optimization techniques, leadership and coaching

## EXPERIENCE

**NBCUniversal**
TV Everywhere Mobile Lead
2017-present

- Led the delivery of the cross platform architectural plan for aggregating all mobile apps into one experience. The chosen strategy considered the state of the current apps, existing team members, third party dependencies and leadership's vision. Several POCs were built using varied technologies to demonstrate design patterns and technology choices. The discoveries that aligned with stakeholder goals were then integrated into the foundational mobile architecture.

**SPAR!**
Founder
2014–17

- Architected, built and shipped everything up until fund raising, including a custom group chat, optimized video recorder, proprietary rules engine for payments and an automated, scalable infrastructure. With strong retention and engagement, we raised a $1M seed round from Peter Thiel & Founders Fund.

**Independent Consultant**
Principal Software Developer | Advisor | Coach
2012–present

- Architected, built and shipped the v1 foundational technology for Leap Transit including the API, mobile attendant app, and web dispatch system. Leap went on to raise $2.2 million with Andreessen Horowitz & Index Ventures using this technology.
- Led engineering for Gain Fitness through a successful company pivot where the whole technical team was replaced and proprietary technology extracted to form the new direction. Extracted technology, built new API and mobile foundation, hired new team and setup formal development processes.
- Re-architected and rebuilt the tech foundation of FitOrbits, now Kumu, mobile app. Worked with the team in converting an alpha prototype into the production quality app for the company's new direction. Introduced best practices for animations and performance in the app.

**AFAR**
Technical Lead
2010–12

- Built and shipped initial prototype for an innovative social search engine for the travel space. Using a document matching algorithm, we were able to unite and rank travelers with shared interests in a real-time search for travel advise.
- Collaborated with business owners in defining the product roadmap and assisted in prioritization of key product features.

**Blurb**
Senior Software Engineer
2007–09

- Re-architected and built a new e-commerce platform for blurb.com using best practices including single responsibility principle, test driven development and modular / extensible components. The new platform was seamlessly switched over and immediately reduced checkout incidents and increased productivity for new deliverables built on the platform.

**IBM**
Solution Architect | Lead Developer
2001–06

- Engineered and shipped creative solutions on numerous projects for clients that included Fidelity, Boston Coach, Sprint and AIG while working at Innovation Center in Cambridge, MA.
- Member of an elite team of engineers working under mid-west executive fixing failing and behind schedule projects in his portfolio.