

# Jerry Ryle

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I am an engineering leader with a strong software engineering background and a breadth of experience in product development. I build and manage teams that solve challenging engineering problems with a user-centric approach. I work closely with finance, operations, sales, and marketing to ensure that we meet our business objectives while we ship products that people love.

## Experience

**Alpine Health**, Mountain View, CA

**V.P. Engineering**, 2017-2018

- Hired and led a cross-functional team of engineers and consultants to build a revolutionary consumer health device
- Produced our key patent application
- Bootstrapped the company from scratch, including setting up payroll and benefits, hiring development partners, creating our interview process, defining our peer review and feedback process, codifying our development methodology, and making coffee
- Lead the team in creating an impressive form-factor prototype, optimized with computational fluid dynamics, and informed by clinical science. These prototypes are being used for user testing and fundraising

**Mindtribe Product Engineering**, San Francisco, CA

**Partner and V.P. Engineering**, 2001-2017

- As a partner and vice president, I was responsible for business development, sales, program management, process development, strategy, hiring, and mentorship
- Built Mindtribe into a 40-person, world-class engineering consultancy
- Brought Agile values to hardware engineering, enabling rapid product development
- Was primary thought leader for improving our engineering methodology
- Scaled numerous startups from MVP to mass-market

Key Mindtribe projects that I managed (you can find many more on my portfolio site at [jerryryle.com](http://jerryryle.com)):

**Stealth Company, Encrypted Communications Device**, 2015-2016

- Led a cross-functional team to take a complex, consumer electronics device for encrypted voice communications from concept through manufacturing in less than a year
- Took over management of two engineering teams, an electrical consultant, an audio consultant, an app development firm, a security auditor, and a contract manufacturer in the Philippines
- Solved technical challenges relating to security, testability, and manufacturability

**Adobe, Project Parallel**, 2012

- Led a team of developers and designers to create Line, Adobe's Ink and Slide showcase app
- Built Line from scratch faster than Adobe's other development teams were able to add support for Ink & Slide to their existing apps. Upon Adobe's request, taught them the methodology that enabled our speed

**Square, Stand**, 2012

- Led a cross-functional team of engineers to deliver Stand, Square's point-of sale solution for brick-and-mortar retailers. Structured and ran this program from concept through manufacturing
- Set clear priorities for the team, which allowed us go from concept to shipping product in less than a year

## Education

**California Polytechnic State University**, San Luis Obispo, CA | B.S., Computer Engineering, Class of 2000

## Patents

US20190000599A1 (pending) - Systems and methods for personalized oral irrigation  
US9262777B2 - Card reader with power efficient architecture that includes a wake-up circuit  
US9286635B2 - Method of transmitting information from efficient communication protocol card readers to mobile devices  
US9495676B2 - Method of transmitting information from a power efficient card to a mobile device  
WO2012177370A1 - Wireless input device