

# Jerry Ryle

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[jerryryle.com](http://jerryryle.com)

I am an engineering leader with a strong software engineering background and a breadth of experience in consumer electronics. I build and manage teams that solve challenging engineering problems with a user-centric approach. My teams embed with manufacturing to oversee a smooth and swift ramp to production. I integrate 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

I hired a team of engineers and consultants and led the cross-functional development effort to build a revolutionary consumer oral health device. Working with our legal team, I produced our key patent application. I was responsible for company bootstrapping, 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. We created an impressive form-factor prototype, optimized with computational fluid dynamics. Alpine is currently using these prototypes for user testing and fundraising.

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

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

I joined Mindtribe as the sixth employee in January of 2001. As a partner and vice president, I was responsible for business development, sales, program management, process development, strategy, hiring, and mentorship. We built Mindtribe into a 40-person, world-class engineering consultancy. A selection of key projects that I managed follows (you can find many more on my portfolio site at [jerryryle.com](http://jerryryle.com)):

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

Our client was developing a consumer electronics device for encrypted voice communications. When I joined this project, they were struggling with technical and organizational challenges that prevented them from producing a prototype. I 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. I overcame organizational challenges by improving communication between the teams and management. I left the client with a functional engineering team and a product in manufacturing.

**Adobe, Project Parallel**, 2012

I led the team of Mindtribe and Adobe developers that built Adobe Line, the iPad application that showcased Adobe's digital stylus and ruler hardware. Our rapid development surprised Adobe executives. My team was brought in to share our methodology with other Adobe teams.

**Square, Stand**, 2012

I led a cross-functional team of electrical, mechanical and software engineers to produce Square's popular Point of Sale device. I drove the team to set clear priorities, 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