Gerald (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 that includes device software, cloud software, and mobile apps. I build and lead teams that plan and execute well. I work cross-functionally and with all levels of leadership to meet our business objectives while shipping products that our customers love.

EXPERIENCE

Verily Life Sciences, South San Francisco, CA
Head of Medical Devices Software, 2019-2022
- Led a team of **embedded**, **mobile**, and **cloud** developers that created the software that runs Verily's highly-integrated medical devices, connects them to the cloud, and ingests/processes their data for various applications
- Brought three significant **cloud**-connected hardware and software products from early development to shipping:
  - Verily Retinal Camera - camera that uses **AI** for low-cost, high-quality detection of diabetic retinopathy
  - Verily Patch - adhesive patch and **mobile app** that regularly measures an individual's body temperature
  - Verily Study Watch - sensor-packed, wearable device and **mobile app** for continuous, non-invasive monitoring
- Kept my team lean and productive amidst shifting company priorities; helped plan and execute initiatives to better align Verily's hardware investment with company strategy

Fresh Health, Inc., 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 pivotal patent application, which helped secure us a funding round of $30M
- Bootstrapped the company: set up payroll and benefits, hired development partners, created interview process, defined peer review and feedback process, codified development methodology, and set engineering goals

Mindtribe Product Engineering, San Francisco, CA
Partner and V.P. Engineering, 2001-2017
- Built Mindtribe into a 40-person, world-class engineering consultancy that was acquired by Accenture
- Redesigned our engineering methodology to improve outcomes, which differentiated Mindtribe's services and led to larger and more interesting contracts
- Brought **Agile** values to hardware engineering, enabling rapid product development
- Responsible for business development, sales, program management, process development, strategy, hiring, engineering leadership, and technical execution
- Helped numerous startups scale their technologies and their teams from MVP to mass-market
- Select projects:

    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
    - Solved technical challenges relating to **security**, testability, and manufacturability

    Adobe, Project Parallel, 2012
    - Led a team of **mobile** developers and designers to create Line, Adobe's Ink and Slide showcase app
    - Taught Adobe's other app teams the **Agile**, rapid development methodology that we used on Line

    Square, Stand, 2012
    - Led a cross-functional team 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

[US11234801B2](US11234801B2), [US9262777B2](US9262777B2), [US9286635B2](US9286635B2), [US9495676B2](US9495676B2), [WO2012177370A1](WO2012177370A1)