# THOMAS HOSFORD

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## SUMMARY

Technology manager and generalist focused on growing businesses by developing innovative products and systems. Experienced in leadership roles at successful startups, spanning engineering and product management.

## PROFESSIONAL EXPERIENCE

**Technical Program Manager, Facebook**                    December 2019 - Present
                                                                  New York, NY

• Location based products and machine learning systems under Facebook Reality Labs (FRL)
• In Progress

**VP Engineering, Koneksa Health**                              June 2016 - Nov 2019
                                                                  New York, NY

• Ran development of SaaS platform used by top pharma companies to collect patient data in clinical trials via IoT health devices  (monitoring areas such as actigraphy, vital signs, spirometry)

• Recruited and built technology department from 2 to 14 team members, managing 12 in-house employees (10 full time and 2 part time) across engineering, product and QA.

• Managed greenfield build and launch of Koneksa iOS app used by patients in 12 countries/languages to submit data from scheduled questionnaires and interactive assessments leveraging phone sensors.

*Engineering*
• Hired engineers for web, iOS, android and API development and oversaw development of all product areas.  Recruited talented engineers from top universities like Carnegie Mellon

• Developed high productivity rate amongst team members via technical design guidance, agile development process and personal coaching

• Managed technical infrastructure with a focus on reliability, security and scalability before hiring and delegating to DevOps lead

• Modernized tech stack to enhance delivery speed by leveraging technologies such as Typescript, React, Kotlin and Docker

*Product*
• Co-led roadmap planning and strategic product prioritization along with COO and lead PM

• Hired and managed lead product manager to own requirements production and UI/UX design management

*QA*
• Developed a process to ensure high standards of software quality, managing both automated test engineers and manual testers.  Represented department in several multi-day quality/regulatory audits

• Brought company from solely manual testing to mostly automation with high test coverage (unit and integration) and Jenkins CI/CD

• Ensured compliance with FDA (21 CFR Part 11) and HIPAA data privacy & security regulations

**Independent Software Developer & Architect**                    Oct 2015 - May 2016

*Koneksa Health*
    • Consulted with Koneksa Health for 3 months before joining full time
*Intralist*
    • Consulted with startup founders to assist with build & launch of Intralist, a crowdsourced platform for top 5 lists.  Product launch became featured in TechCrunch
    • Utilized technologies such as Ruby on Rails, AngularJS, Elasticsearch, Heap Analytics
    • Worked out of co-working spaces in NYC, Costa Rica and Bali

**Product Manager - Data & Analytics, Crowdtap**                           Oct. 2014 - Sep 2015
                                                                            New York, NY

  • Built out Crowdtap's first dedicated data team of 3 engineers responsible for various initiatives
    supporting Crowdtap's marketing technology platform used by Fortune 500 brands
  • Integrated Mixpanel and Google Analytics to provide user insights to inform business strategy
  • Supported design and launch of a data pipeline which unified discrete data silos into a centralized
data warehouse with AWS Redshift and Looker, empowering anyone from across the organization to
gain insight into data.

**Lead Engineer, Crowdtap**                                                 Aug. 2011 - Oct 2014
                                                                            New York, NY

  • Contributed to full-stack platform development, including a targeting engine which enabled
clients to provide personalized opportunities to platform members based on demographics,
survey answers and user quality.
  • Participated in facilitating transition from monolith to services architecture
  • Assisted with interviewing and hiring engineers, tripling the size of tech team (5 to 15)
  • Company grew from 15 to over 100 employees and over $20MM yearly revenue while employed

**Software Engineer, Annex 88**                                             Nov. 2010 – May 2011
                                                                            New York, NY

  • First engineer hire at a startup digital agency. Contributed to development of multiple
    client projects - including a forex trading platform and a sports prediction iOS app
  • Company later acquired by Havas Media

**Software Engineer, Ayver LLC**                                            July 2010 - Nov 2010
                                                                            New York, NY

  • Assisted solo entrepreneur in development of a popular twitter based dieting platform
    (tweetwhatyoueat.com) featured in media outlets like Good Morning America

**Web Development Intern**, **New York Guest**                              Feb 2009 - Feb 2010
                                                                            New York, NY / Remote

  • Contributed to web development and wrote SEO driven content for NYC based hospitality
    services company seeking to increase their online presence

**Intern, Citigroup**                                                       June 2009 - July 2009
                                                                            New York, NY

  • Wealth management for high-net-worth customers

**EDUCATION**
**Binghamton University (SUNY)**                                            Class of 2010
BA Mathematics                                                             Binghamton, NY

**MIT Professional Education**                                              2017
  - Internet Of Things: Roadmap to a Connected World  (2017, [certificate](#))    Online
  - Data Science: Data to Insights (2017, [certificate](#))

**ADDITIONAL**

**Cornell Tech "Startup Studio" Advisor**                                   Fall 2018 - Present

**Talks & Teaching Experience**
  • MongoDB World June 2017 - Chicago IL - [Enabling Clinical Research in the Real World with Sensors, Node.js and MongoDB](#)

• MongoDB Meetup Jan 2017- New York NY - [Leveraging the Internet of Things for Clinical Health Research](#)
• NYC Stackup Talks (Engineering meetup) May 2013 - "Crowdtap's Stack"
• Tutored over 40 undergraduate engineering students in calculus and linear algebra while in college

**Open Source -** Contributed minor commits to Express.js (Node.js webserver), Promiscuous (Ruby SOA framework), Nock (Node.js HTTP testing lib), Nodemon (Node.js monitoring tool)

**Select Technologies Used** - Javascript/Node.js, Python, Ruby, AWS, Git, Backbone.js, Angular.js, React, Java, HTML/CSS, Linux, SQL, MongoDB, Selenium, Kotlin, Docker, Typescript

**Personal Interests –** 2018 NYC Marathon Runner (top 20% finisher), economics & investing, mathematics, international travel, learning new things