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

• 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.

• 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)

• 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