

Todd Medema

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PROFESSIONAL EXPERIENCE

Product Manager Consultant NEXTracker 06/24 - present
Led international team of developers to launch internal cloud tools, saving 10,000+ hrs/year

Staff Product Manager Tesla 08/20 - 02/24
First PM on Megapack internal software; took business from email + Excel to integrated systems
0-to-\$\$\$B/yr'd international Saas B2B tool for designing and quoting grid-scale energy storage
Set strategy and roadmap for ML optimizer to select optimal build plan out of billions of options

Product Manager, Software Engineer Uber ATG 01/18 - 08/20
Increased tooling utilization by over 850% and developer satisfaction by over 40%
Led agile development process for developer and operator tools used by 300+ engineers
Coded bleeding-edge autonomy visualization in React.js and Node.js, open source at avs.auto

CEO, Designer, Developer Fabricate.io (Remote) 01/15 - 08/20
Researched, designed, and coded renewable energy simulation game (electrifygame.com)
Created mobile app + card game that raised \$\$\$k on Kickstarter (expeditiongame.com)
Code-reviewed open source contributions, maintained CI test and deploy infrastructure

CTO Parsec Media (Remote) 04/14 - 05/16
Negotiated \$\$\$k in infrastructure savings
Architected scalable analytics system (MM+ events/day) in NodeJS, Redshift, Redis, SQL
Coded ultra-high-performance mobile advertisements and build system in JS, Webpack
Coded flexible SQL analytics dashboard for account management team using Periscope

Forward Deployed Engineer Palantir 04/13 - 08/13
Designed, developed, and documented new data visualizations for web dashboards
Led multi-day offsite client training

Founder Recursive Services 08/10 - 05/12
Developed dozens of websites, Android mobile games, and Internet of Things devices

Product Management Intern Electronic Arts 05/11 - 08/11
Researched and presented to CEO product strategies to increase B2C sales on Origin by 20%

EDUCATION

Carnegie Mellon University 08/10 - 05/14, 08/16 - 05/17
Technology, Entrepreneurship and Design. Fifth Year Scholar in Data Science & Urban Planning.

HONORS

Citizens Climate Lobby liaison to PA-18 Congressional Representative Mike Doyle
Facebook Hackathon 1st place regional, 4th place international
World Scholars Cup Debate Showcase, Singapore Round
Eagle Scout, Boy Scouts of America
Climatebase Fellow

PASSIONS

Electrification, Data Visualization, Climate Policy, Economics, Architecture, Public Speaking