

# Mark Fayngersh

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## SUMMARY

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Senior Software Engineer and CTO with 10+ years of experience in full-stack development. Forbes 30 Under 30 honoree for innovations in home care technology. Expertise in leading high-performance teams, driving technological transformation, and delivering scalable solutions that solve complex business needs.

## EXPERIENCE

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### Careswitch

Apr 2017 – Present

#### Co-Founder & CTO

New York, NY

- Founded Careswitch to modernize home care, securing \$2 million seed funding from Khosla Ventures.
- Led development of caregiver marketplace, growing to over 5,000 registered caregivers.
- Spearheaded strategic acquisition of Rappora, expanding into home care agency management.
- Orchestrated platform modernization:
  - Migrated to TypeScript, SvelteKit, and shadcn/ui for improved performance and maintainability.
  - Developed native caregiver app using SwiftUI, increasing shift completion rate by 30%.
- Pioneered AI integration:
  - Reduced care plan creation time from hours to minutes while improving care quality.
  - Automated scheduling, billing, and record management, increasing operational efficiency by 40%.
- Secured contracts with major agencies like HomeWell Hackensack and Hillendale, driving 10x revenue growth.
- **Skills:** *TypeScript, Svelte, Tailwind CSS, SwiftUI, MongoDB, ASP.NET Core*

### Quartet Health

Oct 2015 – Apr 2017

#### Senior Software Engineer

New York, NY

- Developed a collaborative care platform connecting primary care physicians with therapists.
- Established and led back-end services team, developing robust data platform with Clojure and Datomic.
  - Implemented event sourcing and CQRS patterns for efficient, consistent health data management.
- Unified services and product dev teams, managing over a dozen engineers.
- Contributed to partnerships with Premera Blue Cross and Humana, expanding market presence by 200%.
- **Skills:** *TypeScript, React.js, Node.js, Django, Clojure, Datomic, PostgreSQL, Docker*

### CrowdTwist

Sep 2012 – Oct 2015

#### Full Stack Engineer

New York, NY

- Led refactor of legacy PHP application to SPA using Backbone.js and Sass.
- Developed Grunt-based build tool for enterprise client customization, reducing deployment time by 50%.
- Modernized web app to Angular.js and Webpack, increasing development velocity by 30%.
- Created personalized engagement tools for major brands like L'Oréal and Pepsi, leading to Oracle acquisition.
- **Skills:** *Angular.js, Java, Backbone.js, Sass, Docker*

## EDUCATION

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### Massachusetts Institute of Technology

Cambridge, MA

Computer Science and Engineering (Course 6-3)

### MIT Media Lab

Cambridge, MA

#### The Living Mobile Group, Undergraduate Research

- Developed real time chat for large, distributed crowds using Node.js and Socket.io, a precursor to Twitch.