Renee Fromhold

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SUMMARY

Full Stack engineer with a bias for making an impact..

TECHNICAL EXPERIENCE

React, Typescript, Storybook, C#, Terraform, Angular JS, Javascript, Node, OpenAI, Figma, CSS, HTML, Python, Redux, MS SQL, AWS Athena, AWS Lambda, ASP.NET, VB.NET, GitHub, PowerShell, Splunk, JIRA, Octopus, CI/CD

CERTIFICATION

- Programming in Python - April 2025
- Certified Scrum Master - January 2018

PROFESSIONAL EXPERIENCE

Careevolution, Ann Arbor, MI — *Senior Software Engineer*

CareEvolution specializes in health data interoperability and digital research platforms. The platform is utilized by patients, providers, researchers, and public health organizations to improve health outcomes, streamline data exchange, and advance medical research. All roles at CareEvolution, a ~100-person flat organization, are highly autonomous.

Nov 2018 - March 2025

- With high autonomy, work closely with researchers, designers, product teams, and clinicians to build products, define MVPs, and manage expectations through end to end development.
- Lead contributor to the open-source front end component library MyDataHepsUI. These components are used to visualize patient health and wearable device data in the context of a clinical research study. (React, TypeScript, Storybook, Figma, Github)
- Lead contributor to ViewBuilder. This drag and drop interface was designed to scale the development and engagement of clinical research studies using the MDH UI component library. (React, Typescript, Amplify, CraftJS)
- Ongoing MyDataHelpsDesigner developer. This is where research coordinators configure participant engagement, data capture, and export data for highly regulated research studies. (React, TypeScript,C#, Angular JS, AWS)
- Conduct PR reviews, and mentor developers
- Designed and created the testing infrastructure for multiple front end repositories using Jest. This included rallying developers around creating comprehensive unit tests. (Node/Jest/TypeScript)
- Designed and created CI/CD workflows across multiple codebases by integrating typescript compilation, roll-up, Jest, Storybook testing, and alerts into GitHub Actions. (Node/GitHub/Jest/Storybook/ Terraform)
- Prior to MDH UI studies were built from the ground up. I led small teams through the end to end development of multiple clinical research studies, such as PowerMom. (Vite, React, Typescript, Recharts, Angular JS, C#, AWS, Amplify, Lambda, S3, Splunk, Git, Terraform)
- Notable Hackathon was creating a Chatbot using OpenAI. On discussion, the chatbot would create a view for participant engagement based on components in MDH UI (Node, React, Typescript, Python, TS-Morph, Open AI, JSDoc)
- Create/maintain ETL scripts, services, and tooling for a variety of health related data ranging from public health terminology to patient level data. Formats include but are not limited to NowPow, HL7, FHIR, CQL, and QRDA (C#, Javascript, Python)

HowICan, Netherlands/US — *Founding Member*

How I Can creates opportunities for women to develop, strengthen, and build their technical skills in a collaborative setting. This is done by partaking in a 10 week cohort where teams focus on building a small React project.

Jan 2019 - 2022

- Virtually collaborated with the HowICan founder to develop a program where women can build their technical skills.
- Worked with clients on setting timelines, cohort goals, and recruiting members. Aspiring designers would work with these clients under the guide of a mentor to develop a prototype.
- Set up and maintained infrastructure with Github and Firebase.
- Scoped the cohort project using Trello and Jira.
- Scrum master
- Lead teams of aspiring software developers through developing Perch, an [open source](), news app in React. This includes hands-on development, pair programming, PR reviews, and mentoring. (React, JS, Express, Node)
- Created internal documentation with the goal of improving onboarding and bus factor
- HowICan ran 5, 12 week cohorts with members across the globe.

Flatiron Health (prev Altos Solutions), New York, NY — *Senior Software Engineer*
Flatiron Health is a healthtech company dedicated to improving cancer care and advancing research.

Oct 2011 - Nov 2018

- Full stack engineer specialized in healthcare interoperability and Meaningful Use compliance for the cloud based Electronic Health Records (EHR) product.
- Backend development using Python, VB.NET, ASP.NET, C#, and SQL.
- Front end development using javascript, jQuery, react, react/redux, ES6.
- Scoped projects for agile team development using JIRA.
- Experience leading scrum ceremonies such as daily stand up, grooming, and demo/retro.
- Refactored legacy code to use modern front ends, service layers, and supportive technologies.
- Created business objects, data access layers, and services that translate, codify, store, and retrieve patient level medical data.
- Completed all projects with attention to detail on improving physician workflows, and producing high quality code.
- Active role in Engineering Culture Club where projects ranged from leading bootcamps, organizing company hackathons, and organizing annual Engineering Summits.

EDUCATION
Information Systems Management,ongoing
Villanova University, Villanova PA

A.S. Business Administration (Phi Theta Kappa)
Montgomery County Community College, Blue Bell PA