

# Brenten Lovato

831.227.9591 | brentengust@gmail.com | Santa Cruz, CA

**LinkedIn:** linkedin.com/in/brentenlovato

**GitHub:** github.com/blovato

**Website:** brentenlovato.com

## TECHNICAL SKILLS

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- **Proficient:** JavaScript, TypeScript, React, Redux, MobX, GraphQL, Electron, Node.js, Express, MongoDB, Ruby, Rails, SQL, PostgreSQL, Bash, Git, Heroku, Webpack, HTML5, CSS3, SassCSS, LessCSS, styled-components, Jest, StorybookUI, Functional Programming, Object Oriented Programming, Database Design, Test Driven Development
- **Exposure:** Meteor, Java, Python, Jupyter, Clojure, React Native, Firebase, Mocha

## WORK EXPERIENCE

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### Autodesk | Principal Software Engineer | San Francisco, CA

March 2021 - March 2025

- Architected and launched a shared component library adopted by 30+ teams, improving developer velocity and ensuring visual consistency across Autodesk Construction Services.
- Led technical direction for cross-team initiatives, influencing architectural decisions and long-term front-end strategy.
- Mentored engineers across multiple teams, raising onboarding efficiency and code quality.

### Mosaic Building Group | Software Engineer | San Francisco, CA

August 2019 - January 2021

- Built a rule-based modeling system in Node.js that automated generation of building wood frames, reducing construction framing time by 15%.
- Developed a cross-platform desktop application (Electron, React, Webpack) enabling field experts to generate worksheets, improving project workflows by 15%.
- Prototyped an internal construction management app (Node.js, React, Sass) that informed leadership's evaluation of usability and feasibility.

### CoverHound | Software Engineer | San Francisco, CA

April 2018 - August 2019

- Delivered a new production application for the cyber insurance product line (Rails, React, Sass), contributing to a successful acquisition by Brown & Brown, Inc. in 2020.
- Created high-performance animated UI components in React and Sass, achieving smooth 60 FPS rendering across the product.
- Built backend integrations with multiple third-party insurance APIs (Rails, PostgreSQL), supporting a baseline Net Promoter Score of 82.
- Implemented end-to-end event tracking (JavaScript, Mixpanel, Google Analytics), enabling visibility into user drop-off and friction points.

### Shop.co | Software Engineer | San Francisco, CA

May 2016 - April 2018

- Built the core customer-facing front-end application (Meteor, React, Less) from scratch, supporting the company's successful acquisition by Klarna in 2018.
- Developed a production browser extension (Chrome, Safari, Firefox) that integrated seamlessly with the main product, enhancing user experience.
- Created a native mobile app (React Native, LessCSS) as an MVP to demonstrate product flow and drive early market traction.

## EDUCATION

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**B.A. Geography emphasis in Information Systems, San Francisco State University**

May 2016

## AWARDS

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**Engineer of the Year, CoverHound**

2018