

# SARAH BEAUCHAMP

## FULL-STACK WEB DEVELOPER

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<https://sarahb831.github.io/portfolio-website/>

## SUMMARY

Technical product manager turned Full-Stack Web Developer committed to efficient solutions and customer focused results. Trained in full-stack web development and experienced in product management processes with strong communication and problem-solving skills.

## SKILLS

• JavaScript • Java • Node.js • Express  
• React • Redux • Angular • Vue.js • CSS  
• HTML • MySQL • PostgreSQL • RESTful • MongoDB  
• Mongoose • jQuery • JSX • TypeScript • Git  
• Progressive Web Apps • Material Design • Bootstrap

## EDUCATION

**Certificate, Full-Stack Web Development,**  
CareerFoundry

- 500+ hours of training with industry-leading mentors. Program designed by experts from companies like Apple and Amazon.
- Focus on high-quality full-stack JavaScript web development with comprehensive, hands-on training spanning from Node.js to Redux and Express to JQuery.
- Developed real world projects during course using software including React and Angular. Created JSON RESTful API and developed browser client to consume this API using React Redux.

**Certificate, Software Processes and Agile Practices,**  
University of Alberta via Coursera.

**Certificate, Introduction to Software Product Management,** University of Alberta via Coursera.

**Certificate, Computer Programming,** University of California, Santa Cruz, Silicon Valley Extension, Santa Clara, California.

**M.S. Computer Engineering,** Villanova University, Villanova, Pennsylvania.

**B.S. Electrical Engineering,** University of California, Davis, California.

## WEB DEVELOPMENT PROJECTS

- Fully functioning application with responsive single-page application website on client-side and RESTful API on server-side allows user to register, login, view movies and add to a list of favorites. Website built using React, React-router, React-Bootstrap, and React Redux. API developed with Node.js, Express, MongoDB and Mongoose.
- Progressive web app built with React. Uses serverless authorization functions hosted by Amazon Web Services for OAuth2 authentication flow with Meetup API. Includes data visualization through Recharts.
- Portfolio website built from ground up using HTML and CSS.
- jQuery website built using external API, incorporating Ajax, real-time form validation, modals and dialogs.
- Single-page application built using Angular framework, including Material Design, interpolation, data binding, services, and routing.
- Vue.js website built with single-file component for to-do list persisting in local storage and using Material Design.

## EXPERIENCE

**Web Developer Volunteer** | Code for San Jose  
San Jose, California | July 2019 - Present

- Using JavaScript and React to work on disaster response website with 10+ team members.

**Product Manager** | COM21, Inc.  
Milpitas, California | January 1997 – February 2000

- Conducted market research, generated product requirements and worked with engineering team on developing a network management platform and termination system for a cable modem network.
- Collaborated with customers, partners and legal team to develop products and define new features.

**Associate Product Manager / Planner** | General Instrument  
Hatboro, Pennsylvania | June 1995 – January 1997

- Oversaw product management and developed marketing plans for digital broadcast manager and Level I Gateway products using multiple network architectures.
- Provided systems engineering support on product functional requirements including interface to operations support services.
- Managed headend system design and manufacturing processes. Coordinated client projects from proposal to completion, identifying and tracking project milestones and delivering systems on time.

**Quality Assurance Engineer** | Leeds & Northrup Company  
Horsham, Pennsylvania | July 1993 – June 1995

- Guided engineering department to comply with ISO9001 Quality Policy, resulting in successfully passed audits.
- Coordinated field testing, analyzed customer feedback and evaluated satisfaction of products. Developed quality test policies for new products. Designed user interface for monitoring systems.

**Product Engineer** | Spirax Sarco Inc.  
Allentown, Pennsylvania | February 1992 – July 1993

- Co-authored business plan. Supported sales representatives and customers in product applications, resulting in successful installations.

**Product Engineer / Sales Engineer** | Moore Products Co.  
Spring House, Pennsylvania | August 1989 – February 1992

- Defined specifications for new products, interfaced with engineering and manufacturing teams to ensure successful implementations.