

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

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.