

mc.dev

Mark Carlson

Full Stack Web Developer

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My Story

A former radio personality & station programmer who built an online music research application to help determine song rotations. That project turned into a business and I turned into a web developer.

Technical Skills

React, React Hooks, Javascript, TypeScript, React Storybook, HTML/CSS/SCSS, Flexbox/CSS Grid, Bootstrap/Ant Design/Material UI, Node, Express, REST APIs, Jest/Enzyme, Cypress/Selenium, ESLint, Webpack, jQuery, PHP, Apache, Linux, MySQL, MongoDB, Git, JIRA, Agile, Engineering management, Software/Web development education

Career Summary

Lead Developer
Takeoff Technologies
JUNE 2019 TO JUNE 2020

- Led a small team of developers to build out new Decanting UI and In-Store Picking Service UI applications using a React, JavaScript/TypeScript, and Node tech stack.
- Interviewed and hired engineers for several teams.
- Collaborated with offshore and onshore teams.
- Major contributor to the code. Helped complete the In-Store Picking Service UI weeks before a deadline, saving a \$500k contract commitment.
- Mentored a team of developers on best practices for modern UI development and coding standards, including React, React Hooks, Componentization, ES6, React Storybook, Git workflows, JIRA, Code reviews, I18N implementation, Jest testing, and Agile practices.
- Wrote E2E tests in Cypress and Selenium.
- Configured development environments using Webpack, Git hooks, ESLint, and various VS Code extensions.
- Created template repo for current and future UI projects.

**Full Stack Coding Boot
Camp Instructor**
UC Berkeley
OCTOBER 2017 TO PRESENT

- Currently teaching my seventh 6-month cohort.
- Classes are taught 2 nights/week + Saturday middays for 24 weeks.
- Topics include HTML, CSS, JavaScript, jQuery, Bootstrap, REST APIs, Node, NPM, TDD, PWAs, Express, MySQL, MongoDB, React, React Hooks, Agile Software Development, Project management, and CS concepts/algorithms.
- Former students are currently working at companies like Intuit, Wells Fargo, AutoDesk, Party City, Walmart, and many others.



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Career Summary Continued

Senior UI Web
Developer + Site
Manager
Avenue Code

JUNE 2014 TO MAY 2019

- Worked on site at **American Eagle Outfitters**, **Williams-Sonoma**, and **Gap**.
- Tech Lead for the Profile UI team at **Gap** from October 2018 - May 2019.
- Managed Avenue Code engineers on site, conducted annual reviews, etc.
- Interviewed engineering candidates and provided reports to recruiters and client account managers.
- Conducted Lunch-N-Learn sessions with talent acquisition staff.
- Led React community of practice sessions at Avenue Code office.

Founder - Full Stack
Software Engineer
Pinnacle Media
Worldwide

OCTOBER 2002 - MAY 2014

- Developed company's **OnlineTRACKER** product enabling over 400 global radio stations to test audio content with listeners. Clients included CBS Radio/Infinity Broadcasting, Citadel Broadcasting, ABC Radio, Greater Media, Hubbard Broadcasting, Virgin Radio, NRJ, and many others.
- Developed company's **Moderator & Collector** applications (Web & iOS) to conduct auditorium media survey projects. Clients included Disney Channel/India, Radio Mirchi, and OYE FM/Mumbai.
- Developed company's **DMT@Home** product which provided massive cost savings to radio stations over traditional venue music studies. Clients included CBS Radio, Australian Radio Network, Communicorp/UK, and many others.
- Built several internal tools, including project management and project scheduling, and client data visibility applications.
- Provisioned and maintained all dedicated server resources.

Volunteer Work

TMEC Swim Club - President & Treasurer - 2011 - 2013

USA Swimming level 2 certified stroke & turn judge - 2015 - present

USA Swimming level 1 certified chief judge - 2017 - present

Educational Info

University Of Washington/Seattle

B.A. Business Administration - Accounting