

Marquis L. Mitchell

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SUMMARY

Highly skilled Software Engineer with 6+ years of experience specializing in full-stack development and front-end technologies, particularly JavaScript frameworks such as React.js, Node.js, and Next.js. Proven track record of leading complex projects, improving application performance, and implementing best practices in web accessibility and security. Strong communicator with experience in mentoring junior engineers, conducting stakeholder presentations, and collaborating across multidisciplinary teams. Committed to continuous learning and staying current with emerging technologies in the rapidly evolving software development landscape. Passionate about building elegant and efficient applications that enhance user experiences and improve the productivity of both users and teammates.

SKILLS

Languages & Frameworks

- * JavaScript, TypeScript, Python, PHP, Semantic HTML5, CSS/SCSS, React.js, Node.js, Next.js, GraphQL, Storybook

DevOps & Databases

- * Amazon Web Services (AWS), Docker, CI/CD (GitHub Actions, Serverless, AWS Amplify, Netlify), MySQL, MongoDB, AWS DynamoDB

Methodologies & Expertise

- * Web Accessibility & Performance, OAuth, Unit Testing (Jest + Mocha) and Test Driven Development, REST APIs, Agile, Scrum, Git/GitHub, Software Development Lifecycle

WORK EXPERIENCE

Bank of America | April 2023 – June 2024 | *Software Engineer V* | Charlotte, N.C.

- Led the development of a data sourcing graph application, architecting and implementing both front-end and back-end features using TypeScript with React.js(MaterialUI), Node.js, Express.js, MySQL, OpenShift containerization, and Ansible job running resulting in a 50% more efficient process for technology & business users. Features included ability to modify all data points and reorder sourcing steps or create bidirectional flows while preventing circular dependencies.
- Spearheaded development of Rapid Data Delivery, an application enabling secure data sourcing, transformation, and distribution across 10 core bank departments; prioritized performance to support documents with over 1,000 steps, including both DAG and stepped processes allowing users full customization of sourcing pipelines.
- Executed comprehensive unit testing and practiced test driven development using Jest for all developed features, achieving 95% code coverage to reduce post-release bugs through our rigorous peer review processes.
- Onboarded and provided technical guidance to new developers, assisting with environment setup for the primarily JavaScript-based application environment.

- Conducted weekly demos to the software team and stakeholders, presenting new features and incorporating constructive feedback into subsequent work.

Red Ventures | February 2021 – March 2023 | *Software Engineer III* | Fort Mill, S.C.

- Played a major role in the redesign and component-based re-architecture of our company's website (RedVentures.com), utilizing React.js, Next.js, and Node.js. The revamped site highlights the work of over 5,000 employees across 30 brands, and prominently features our major brands, including CNET, Healthline, Lonely Planet, and The Points Guy, thereby improving brand visibility and user interaction.
- Implemented a component library utilizing Storybook during the RedVentures.com redesign for component testing and presentation; facilitating designer collaboration and modular code development for a more efficient redesign process.
- Conducted a comprehensive web accessibility audit for previous RedVentures.com site, utilizing axe A11y scans and manual assistive technology evaluations, including screen reader and keyboard navigation checks, to identify key areas for improvement in the upcoming site redesign.
- Executed UI/UX enhancements for Bankrate.com and CreditCards.com using PHP + Laravel, JavaScript, and CSS; implementing web development best practices that improved site performance by 30% and achieved WCAG 2.1 AA accessibility compliance.
- Assisted in [Bankrate.com](https://www.bankrate.com) migration from legacy WordPress to Storyblok's CMS while creating modular components that adhered to our brand's design system. This resulted in a more efficient and consistent content creation process for all publishers across our 7 major teams.

Red Ventures | February 2020 – February 2021 | *Associate Software Engineer* | Fort Mill, S.C.

- Led a project architecting and developing a full stack web application utilizing TypeScript for both React.js and Node.js that revolutionized ad disruption reporting across CNET brand sites, reducing response time to ad issues by 50% and enabling real-time monitoring for multiple teams.
- Engineered several web applications and APIs integrated into company-wide portals, built using JavaScript/TypeScript, React.js, Node.js, HTML, CSS/SCSS, and MySQL hosted on AWS services and utilizing MaterialUI and CharkaUI component libraries. These applications improved developer experiences and efficiency by promoting shared tooling and documentation across the organization.
- Developed an automated notification analyzer to reduce our Auth0 authentication token cost for over 600 connected applications used across the company.
- Collaborated with fellow engineers to create contributing guidelines for several teams which included coding best practices, recommended project structure advice, and web performance & accessibility standards to promote consistency and improve initial onboarding for engineers across teams.
- Mentored 3 junior engineers and Road to Hire tech apprentices, demonstrating leadership early in my career. Helped facilitate a seamless onboarding process, guided collaborative feature development, and provided valuable career advice. This proactive approach accelerated team integration and fostered a culture of continuous learning and growth within the engineering department for both them and myself.

Red Ventures | November 2018 – February 2020 | *Junior Software Engineer* | Fort Mill, S.C.

- Contributed to a robust code dependency scanning application built primarily using Python and Docker which was integrated into our company-wide GitHub pull request workflow that helped reduce the amount and severity of security vulnerabilities in our code across 10,000+ repositories.
- Served on the global Security & Privacy team to develop critical applications, significantly enhancing the company's security posture. Built applications that helped system analysis efforts, resulting in improved

threat detection and reduction in security vulnerabilities across the organization.

- Showcased an innovative incident management and triage application as a key presenter at our company's annual Security & Privacy Conference. Presented to a diverse audience of company executives, employees, and strategic partners, highlighting the application's potential to streamline security processes and enhance response times.
- Led a project building a web application built using React.js, Node.js, and AWS' DynamoDB to aggregate and visualize data from several of our security tools as well as promote code security best practices.

Road To Hire | April 2018 – November 2018 | *Tech Apprenticeship Graduate | Fort Mill, S.C.*

- Enrolled in an immersive software development apprenticeship which involved professional readiness training, one on-one mentorship, leadership development, and developer specific training.
- Built projects using both Front End and Back End technologies - including an authenticated full stack e-commerce website using React.js backed by Node.js, Express.js, and a MySQL database.
- Present for over 500 hours of onsite lectures & training while also learning remotely via Udemy, Treehouse, CodeAcademy, and Udacity.

EDUCATION

Phillip O. Berry Academy of Technology | June 2018 | *High School Diploma | Charlotte, N.C.*

- * National Academy Foundation Certification - Engineering