

RYAN MULREADY

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SUMMARY

Skilled software engineer with more than 15 years of experience, including recent management and team leadership experience at three start-ups pre- and post-acquisition. History of coordinating and managing highly functional domestic and overseas teams in the planning and execution of software projects with enterprise-level impact.

TECHNICAL SKILLS

JavaScript Nuxt	TypeScript VUE	Node Vite	AWS SASS
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EXPERIENCE

2023-Present	L7 Informatics	Austin, TX
Frontend Architect		2023-Present

- Founded and led the Frontend Guild, a cross-functional group, to mentor engineers, establish best practices, and facilitate knowledge sharing across teams, fostering a culture of continuous improvement and collaboration that accelerated project delivery timelines.
- Implemented organization-wide linting standards, ensuring consistent code quality and maintainability, significantly reducing errors and improving development efficiency, resulting in faster feature rollouts and reduced bug resolution times.
- Standardized CSS practices by converting disparate styles into a unified system of global SASS variables, enhancing reusability and maintainability while reducing style duplication, which cut UI development time..
- Introduced and scaled TypeScript adoption, including creating robust type definitions, resulting in improved code reliability, enhanced developer productivity, and a measurable 30% reduction in production issues tied to type errors.
- Designed and deployed a scalable frontend unit testing framework, increasing test coverage from 0% to 50% in 6 months, improving code confidence and deployment stability, and reducing regression-related incidents..
- Integrated ADRs (Architecture Decision Records) to document technical decisions, enabling transparent communication and alignment across engineering teams, which expedited cross-team collaboration and reduced redundant work.

2018 – 2023	EnergySage	Boston, MA
Staff Software Engineer		2022 – 2023

- Coordinate five domestic and overseas teams in the delivery of new software services and features for a start-up renewable energy company with revenues of up to \$24M
- Planned projects with company-wide impact against strict deadlines while ensuring each team's alignment with organizational strategy and goals during a period of rapid expansion (revenue grew from \$3M to current levels as operations expanded from fewer than 20 to 41 states)
- Worked with CTO to develop interview and onboarding materials for new hires in support of ramp-up from a staff of five engineers to more than 40, drafted key competencies for each role, and created quarterly and annual review processes and metrics now utilized across the organization
- Built and automated a front-end infrastructure stack with AWS CDK, streamlining all development work and deployment processes, and substantially enhancing page speed performance organization-wide

- Co-authored a design setup system with Bootstrap, Nuxt, and Vue, promoting reusability and uniformity in development processes while improving user experience and visual consistency
- Led the company's transition from WordPress to a headless CMS, including migration of over 1,300 WordPress articles to new infrastructure, increasing SEO performance and increasing page speed (50% increase in total visitors YoY; conversion rate increased from 5% to 5.85%)

Community Solar Team Lead

2020 – 2022

- Led a team of five engineers in the execution of scaling and UX refinement projects during a period of rapid growth, culminating with the EnergySage's acquisition by Schneider Electric in 2022
- Scaled the business from 20 solar farms to more than 150, and upgraded authorization and onboarding workflows to account for support addition of three new utility partners
- Oversaw the shift from monolithic architecture to microservices, significantly increasing system scalability, and increased code production and confidence through deployment of CI/CD pipeline with GitHub Actions
- Introduced automated testing with Jest, Playwright, and Lighthouse, improving code quality and reliability

Senior Software Engineer

2018 – 2020

- Worked as an individual contributor on projects to refine user experience and performance through development of applications using Typescript, Nuxt, and Node
- Authored organizational-level JIRA workflows, enhancing project management processes and productivity
- Defined and established standards for frontend technology and practices through creation of the Frontend Guild, and educated engineers on proper use, facilitating easy rotation across teams and codebases without lost productivity

2010 – 2018

BuildingEngines

Boston, MA

Senior UI Developer

2013 – 2018

- Directed the design and development of the front-end layer for multiple enterprise SaaS applications for a start-up property management company prior to its acquisition
- Mentored junior developers in front-end technologies and Agile methodologies, driving improvement in team capabilities and cohesion
- Served as technical advisor during multiple successful contract negotiations, with responsibility for estimating cost and production time, and for providing existing solutions to client workflow requests to avoid redundant engineering work
- Worked on projects to expand the company's suite of products, modernize the application, and enhance UX, and to expand into its first mobile application, significantly growing opportunities to enhance offerings to existing clients and target new ones

Web Developer

2010 – 2013

- Optimized user interfaces with jQuery to enrich interactivity and user experience, and created a visually appealing user experience by translating intricate designs into pixel-perfect web pages
- Used Java, Ant, and Velocity to construct dynamic site templates, improving reliability and responsiveness
- Utilized webpack, SASS, CSS, HTML, JSON, and XML in development processes, enhancing code maintainability and application performance