

BRANDON MORRILL

PRINCIPAL ENGINEER | FRONTEND, SOFTWARE ARCHITECTURE & TECHNICAL LEADERSHIP

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PROFILE

Principal engineer with 16+ years building large web applications. Deepest experience in frontend development, JavaScript/TypeScript, component architecture, Web Components, and microfrontends, with broader work across APIs, AWS, data, and AI-enabled products. Pragmatic technical leader who stays close to implementation and helps engineers make sound architecture decisions. Prefers straightforward solutions that work well and are easy to understand and maintain.

CORE STRENGTHS

Frontend architecture: TypeScript, JavaScript, Angular, RxJS, NGXS, Web Components, microfrontends, component libraries, design systems, HTML, CSS, Sass, Less

Technical leadership: Architecture strategy, cross-team technical decisions, mentoring, design and code review, product and UX partnership, hands-on delivery

Full stack, cloud & AI: Node.js, REST APIs, AWS Lambda, API Gateway, DynamoDB, S3, CloudFront, CDK, CloudWatch, OpenSearch, AI-enabled systems, AI-assisted development

EXPERIENCE

Property Vista Software Inc.

Sep 2025 - Present

Principal Engineer

- Lead architecture and hands-on delivery for AI-enabled property-management products across frontend applications, APIs, AWS infrastructure, and data stores.
- Define application boundaries, authentication and session flows, data models, deployment patterns, and production reliability.
- Build serverless systems with Lambda, API Gateway, DynamoDB, S3, CloudFront, and CDK; diagnose production issues with CloudWatch and OpenSearch.
- Develop AI-agent capabilities for property-management workflows and guide engineers through architecture discussions, design reviews, and PR reviews.

Turnitin

May 2022 - Sep 2025

Distinguished Software Engineer | Jan 2024 - Sep 2025

Principal Front End Engineer | May 2022 - Jun 2024

- Set frontend technical direction across product initiatives and led implementation of complex instructor and student workflows.
- Led frontend development of an application for digitizing and electronically grading handwritten assignments in partnership with product, design, backend, and platform teams.
- Unified previously separate tools and workflows into a cohesive assignment-creation experience.
- Advanced shared frontend architecture across microfrontend boundaries, runtime loading, libraries, reusable components, cross-geo behavior, and workflow orchestration.
- Mentored engineers and reviewed designs and implementations across teams, establishing patterns reusable across products.

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EXPERIENCE / CONTINUED

Red Ventures

Aug 2021 - May 2022

Sr Software Engineer

- Led frontend development of the CNET homepage redesign for a high-traffic consumer web product.
- Built live-blog functionality and dynamic feature pages across CNET.com legacy and modern platforms.

ExamSoft

May 2018 - Aug 2021

User Interface Architect | Jan 2020 - Aug 2021

Software Engineer | May 2018 - Jan 2020

- Led frontend development for ExamID / ExamMonitor, ExamNow, and major Exemplify initiatives supporting remote assessment, identity, proctoring, and real-time feedback.
- Architected a reusable, framework-agnostic Web Component library that gave applications a consistent UI foundation.
- Provided hands-on architecture and implementation leadership across product teams during company growth and the transition into Turnitin.

EARLIER EXPERIENCE

Amazon

Apr 2017 - May 2018

Web Development Engineer

- Developed web reporting and analytics software with React, Angular, Sass/Less, and NPM; integrated with backend services in Java, Ruby, and Python.

VIAMI Solutions

Aug 2015 - Apr 2017

Sr. Software Development Engineer

- Built Angular dashboards and network-analytics software; integrated with Groovy services and Redis.

Dealertrack Technologies

Jun 2014 - Aug 2015

Website Engineer

- Built web tools and applications with Angular, Bootstrap, Gulp, and Bower.

Kalkomey Enterprises, Inc.

Oct 2013 - Jun 2014

Senior UX Developer

- Designed and developed prototypes, websites, and applications with Bootstrap, jQuery, HTML, CSS, and JavaScript.

Dealertrack Technologies / eCarList, LLC

Nov 2009 - Oct 2013

Website Engineer, Dealertrack | Jul 2011 - Oct 2013

Senior Front End Web Developer, eCarList | Nov 2009 - Jul 2011

- Developed automotive inventory applications with REST APIs, Knockout, RequireJS, Grunt, and server-side templating; built frontend unit-test and packaging workflows.

Samsung Telecommunications America

Aug 2005 - Nov 2009

Training Developer

- Designed and developed web-based training modules with HTML, CSS, JavaScript, and Flash.