

MARK FASEL

Senior / Staff Software Engineer | Solutions Architect

Full-Stack & Platform Architecture · React · TypeScript · Vue · APIs · Rails · Laravel · .NET
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PROFESSIONAL SUMMARY

Senior full stack engineer and solutions architect with 20+ years building and modernizing enterprise software across healthcare, retail, SaaS, education, finance, and event technology. Ships across the stack — React, Vue, and TypeScript on the front, Laravel, .NET, Rails, and Node on the back — and designs the API contracts, data models, and integration patterns that hold them together. Cut product delivery from three months to three weeks, drove a 20%+ increase in online revenue at a Fortune 100 retailer, and raised enterprise accessibility compliance from 70% to 90%.

SELECTED IMPACT

- Cut product launch cycles from 3 months to 3 weeks and reduced production defects by 40%
- Delivered commerce features contributing to a 20%+ increase in online revenue (Fortune 100 retailer)
- Raised WCAG/ADA compliance from 70% to 90% across enterprise web and mobile platforms
- Built integration pipelines processing millions of synchronized records across 5+ financial platforms

TECHNICAL SKILLS

LANGUAGES	JavaScript (ES6+), TypeScript, PHP, C#, Ruby, SQL, HTML5, CSS3
FRONTEND	React, Vue 3, Angular, Next.js, Tailwind CSS, Storybook, Design Systems, WCAG 2.2 Accessibility
BACKEND	Laravel, Ruby on Rails, ASP.NET Core, Node.js, REST APIs, GraphQL
ARCHITECTURE	Solution Architecture, System Design, API Design, Event-Driven Architecture, Microservices, RBAC
DATA	SQL Server, PostgreSQL, MySQL, MongoDB, Microsoft Fabric, Power BI
CLOUD & DEVOPS	Azure, AWS, Docker, Vite, Git, Azure DevOps, Jenkins, CI/CD
TESTING & TOOLS	Jest, Cypress, Testing Library, SonarQube, Jira, Confluence
AI & AUTOMATION	OpenAI API, Claude / Claude Code, Gemini, Prompt Engineering, n8n, Make, Zapier

PROFESSIONAL EXPERIENCE

Solutions Architect	Oct 2025 – Present
Life Surge	Palmetto, FL

Own enterprise architecture and platform modernization across event, education, CRM, e-commerce, and internal business systems, partnering with executive stakeholders to translate business strategy into scalable technical delivery.

- Architected BridgePoint, an enterprise CRM unifying ERP, billing, payments, RBAC, Microsoft Entra ID, event operations, and LMS provisioning across previously disconnected systems.
- Set technical direction for a team of 5–7 engineers, establishing platform standards, system design decisions, and architecture review practices across concurrent initiatives.
- Drove architecture initiatives spanning 6+ business units — Product, Revenue, Marketing, Education, Collections, and Engineering — delivering solutions aligned to business strategy.
- Built and now lead an enterprise WCAG 2.2 governance platform automating accessibility audits, executive reporting, and compliance tracking across external properties.
- Defined enterprise API contracts and led modernization of student and assessment platforms onto React and Vue architectures over legacy .NET systems.

Senior Software Developer	Jan 2025 – Oct 2025
Roghnu	Tampa, FL (Remote)

Delivered enterprise integration solutions connecting financial systems, business applications, and third-party platforms through scalable APIs and distributed synchronization services.

- Architected enterprise integrations across 5+ financial and business platforms, automating workflows and eliminating manual data exchange between systems.

- Built observable data pipelines processing millions of synchronized records with validation, audit capability, and structured logging that measurably accelerated production support.
- Engineered resilient synchronization services with retry logic, monitoring, and fault-tolerant processing, improving production reliability.
- Re-architected a production import/save pipeline after live traffic exceeded original scope by hundreds of thousands of records — replaced frontend-only processing with an event-driven backend queue and batch/lazy-loading, preserving an Excel-like user experience at scale.

Senior Front-end Product Developer

Nov 2020 – Oct 2024

Scorpion

Remote

Promoted from Front-end Product Developer (Nov 2020 – Feb 2022)

Promoted to lead frontend architecture and enterprise application modernization across multiple SaaS platforms serving franchise and local service businesses at scale.

- Architected a custom product management platform that cut product launches from 3 months to 3 weeks while reducing production defects by 40%.
- Championed an enterprise design system adopted across internal web applications, reducing frontend development time by 30–40%.
- Directed frontend architecture across three flagship enterprise platforms, establishing reusable architecture, engineering standards, and scalable application patterns.
- Modernized legacy React and Angular applications through technical debt reduction, performance optimization, and enterprise ADA/WCAG initiatives.

Software Engineer

Apr 2019 – Nov 2020

Publix Super Markets

Lakeland, FL

- Delivered e-commerce capabilities including Apple Pay and Google Pay integrations, contributing to a 20%+ increase in online revenue.
- Raised third-party WCAG/ADA compliance scores from 70% to 90% across customer-facing web and mobile platforms.

Front-end Developer

Jun 2018 – Jan 2019

Ramsey Solutions

Brentwood, TN

- Refactored legacy Handlebars and jQuery applications into modern React architectures, improving maintainability, performance, and scalability.
- Contributed to Gazelle, the enterprise design system, establishing reusable UI standards that accelerated feature delivery across products.

Senior Software Developer

Aug 2014 – Jun 2018

Johns Hopkins All Children's Hospital

St. Petersburg, FL

- Delivered a complete redesign and migration of 12,000+ pages in six weeks, on time and under budget.
- Directed development of the enterprise intranet serving 3,000+ employees, partnering with executive leadership on product strategy.

Creative Director • LawLytics

Jun 2012 – Jul 2014

Led frontend engineering and UX strategy for a multi-tenant legal technology platform; promoted from Senior Front-End Developer.

INDEPENDENT WORK & PROJECTS

Mark Fasel, LLC — Independent Consultant · 2014 – Present. Architecture, frontend strategy, and modernization consulting for startups and enterprise clients.

PlainText App — Founder · 2025 – 2026. AI-assisted writing platform built end to end — frontend, backend, UX, and LLM integration.

Helixon — Founder. Product business built from the ground up across engineering, operations, compliance, and customer experience.

EDUCATION & CERTIFICATIONS

Master of Science, Internet Marketing

Full Sail University — Winter Park, FL

Bachelor of Science, Web Design & Development

Full Sail University — Winter Park, FL

CERTS

Microsoft Certified: Azure Fundamentals (AZ-900) · Nielsen Norman Group (NN/g) UX Certification · Sitecore Experience Solution 9 Developer · TestDome Laravel Certificate