Albert Keith

Senior Full Stack Engineer

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SUMMARY

Innovative and versatile **Senior Software Engineer** with 9+ years of professional experience architecting and implementing scalable web and enterprise applications. Proficient in **front-end and full-stack development** with technologies like **React, Vue.js, Node.js, Shopify, and Headless CMSs**.

Proven ability to bridge business needs with technical solutions across industries including **consulting, e-commerce, SaaS, and manufacturing**. Adept at leading cross-functional teams, optimizing digital ecosystems, and delivering performant, user-centric solutions.

SKILLS

- **Frontend:** React.js, Vue.js, Next.js, Nuxt.js, JavaScript, TypeScript, HTML5, CSS3, Bootstrap, Tailwind CSS
- **Backend:** Node.js, PHP, Express, REST/GraphQL APIs, Shopify Liquid, Headless CMS
- **CMS & E-Commerce:** WordPress, Contentful, Storyblok, Shopify Plus, WooCommerce, Magento
- **Data & Cloud:** Azure, AWS, SAP S/4HANA, Oracle NetSuite, SQL, Snowflake, Salesforce CRM
- **Tools & DevOps:** Git, Jira, Agile/Scrum, Hotjar, Google Lighthouse, Carbon Footprint Tools
- **Automation & Analytics:** Power BI, Tableau, UiPath, Blue Prism, Google Analytics
- **Best Practices:** ADA Compliance, WCAG 2.1, Digital Sustainability, SEO Optimization, Performance Monitoring

EDUCATIONS

University of Illinois Chicago, Chicago, IL
Bachelor's Degree in Computer Science   Sep 2014 - May 2018
University of Illinois Chicago, Chicago, IL
Master's Degree in Computer Science   Sep 2019 - May 2021

CERTIFICATIONS

- **Microsoft Certified:** Azure Network Engineer Associate
- **Microsoft Certified:** DevOps Engineer Expert
- **AWS Certified:** Solutions Architect Professional

EXPERIENCE

Binary Tech Consulting (Naperville, IL) – Senior Full Stack Engineer   03/2022 – Present

- Designed and deployed scalable web applications using React, Node.js, and Oracle EPM; boosted internal processing throughput by 35% through architecture optimization and caching strategies.
- Engineered interactive KPI dashboards with Power BI and Tableau, integrating real-time data pipelines and improving leadership decision-making speed by 29%.
- Automated complex financial approval chains using UiPath RPA and custom validation logic, reducing human-in-the-loop processes by 40%.
- Delivered custom analytics portals for clinical operations at AbbVie, using data visualization techniques to improve accuracy by 37%.
- Directed SAP S/4HANA migration with cross-functional teams; redesigned data flows and cleanup processes that increased data consistency by 25%.
- Created reusable Vue.js component libraries aligned with company-wide design systems, slashing engineering rework by 31%.
- Developed HIPAA-compliant modules in AWS, implementing end-to-end audit logging and access controls for a healthcare analytics platform with zero compliance issues for 12+ months.
- Integrated Snowflake for inventory analytics, enabling predictive warehouse planning and reducing overstock events by 22%.
- Defined and automated GitHub Actions CI/CD pipelines integrated with Jira Sprint Goals, boosting engineering velocity by 33%.
- Built customizable dashboards using React + Redux with role-based access layers, supporting over 8 business verticals with tailored data views.
- Partnered with product and account teams to deploy 5+ multi-tenant systems across financial services and pharma clients, leading to a 40% increase in client retention.
- Designed predictive modeling integrations (e.g., sklearn + Tableau) for demand forecasting, achieving a 30% lift in forecast precision.
- Created a standard enterprise UI design system using Tailwind CSS and Storybook, rolled out across five digital products.
- Engineered multi-level RBAC and audit logging architecture, contributing to a 0% data leak track record.
- Led biweekly technical planning and code review sessions, reducing critical design flaws and rework cycles by 28%.
- Built a scalable API gateway layer using Node.js and Kong, enabling dynamic client microservice orchestration with 50% less infra cost.
- Architected a plug-in validation system for pharma compliance (FDA 21 CFR Part 11), reducing onboarding time for vendors by 35%.
- Spearheaded SAP, AWS, and Salesforce integrations using event-driven architecture (SQS + Lambda), improving system-wide interoperability by 31%.

Fortune Brands Innovations (Deerfield, IL) – Full Stack Engineer   09/2020 – 01/2022

- Developed Shopify storefronts using Hydrogen + Next.js and headless CMS integrations (Storyblok, Contentful), improving page performance by 32% and SEO indexability.
- Built React UI libraries for Moen's smart home devices, increasing daily active usage through enhanced interactivity by 24%.
- Designed and deployed secure GraphQL APIs for user profiles, recommendation systems, and real-time cart experiences.
- Created biometric authentication workflows for SentrySafe and Yale smart locks, integrating with native app flows and reducing support tickets by 40%.
- Built a dynamic 3D product customizer using WebGL and Vue.js, enabling real-time asset rendering and increasing user engagement by 28%.
- Enhanced marketing analytics through BigCommerce + GA integration, providing real-time marketing funnel insights and boosting visibility by 22%.
- Refactored legacy frontend components into TypeScript modules with strict typing and testing, reducing bugs and future maintenance by 35%.
- Developed mobile-first catalog interfaces using Tailwind CSS and headless CMS, raising session duration on mobile by 29%.
- Automated SAP S/4HANA inventory syncing for 3 brands using cron-driven microservices, reducing stock errors by 26%.
- Built a Cypress-driven E2E testing pipeline with 94% coverage, integrated into GitHub Actions for release quality assurance.
- Supported global Shopify rollouts to 7 markets, configuring localization, tax, and logistics systems with cross-regional partners.
- Led weekly sprint retrospectives and JIRA grooming sessions, improving team throughput by 18%.
- Developed private Shopify apps for product bundling and promotions logic, increasing AOV (average order value) by 14%.
- Managed offshore frontend coordination in India and the UK, ensuring QA/test alignment across time zones.
- Established accessibility workflows and Lighthouse audits, ensuring 90+ scores on all platforms with full ADA compliance.

Mightybytes (Chicago, IL) – Senior Front End Engineer   04/2018 – 06/2020

- Built low-carbon Vue.js and Drupal sites optimized for digital sustainability using GCP's low-energy hosting and carbon measurement tools, reducing average site footprint by 25%.
- Led accessibility development adhering to WCAG 2.1/ADA standards, enabling full audits and certification for all client sites.
- Increased organic reach by 38% via SEO-first design strategies, including semantic markup and structured data.

- Developed and maintained modular CSS + SCSS libraries for 15+ nonprofit websites, ensuring brand consistency across platforms.
- Created grant application systems with automated workflows, reducing user friction and shortening turnaround by 50%.
- Designed reusable component templates and introduced Storybook for scalable design delivery, improving project delivery time by 30%.
- Collaborated with UX/content strategists to improve user journeys, leading to increased time-on-page and donation completion rates.
- Ran A/B tests using Hotjar session recording and funnel analytics, refining CTA language and layouts to improve conversion.
- Built custom dashboards using Google Data Studio to track conversion, churn, and fundraising KPIs for executive stakeholders.
- Introduced Prettier + ESLint automation into dev workflows, improving code quality and reducing merge conflicts.
- Facilitated internal workshops on accessibility, sustainability, and SEO best practices.

Huemor (Pittsburgh, PA) – Front End Engineer   04/2016 – 02/2018
- Built custom React and Vue landing pages for Live Nation and Revlon, incorporating brand guidelines and performance optimization.
- Improved web performance via lazy loading, asset compression, and tree-shaking techniques, boosting Core Web Vitals by 30%.
- Developed reusable UI frameworks in Next.js/Nuxt.js with SCSS utilities, accelerating dev handoff speed by 25%.
- Implemented Shopify Plus storefronts and optimized checkout workflows for retail clients, improving transactions by 21%.
- Integrated client ERPs using REST and GraphQL APIs to synchronize product and order data.
- Built marketing-ready content blocks in Storyblok and Contentful, enabling non-dev teams to own content updates (reduced dependency by 40%).
- Conducted A/B tests and UX heatmaps with Hotjar to improve form conversion and bounce rates.
- Designed fully responsive mobile layouts using SCSS grid systems and custom media queries.
- Passed 100% accessibility audits using semantic HTML, ARIA roles, and contrast validation tools.
- Translated Adobe XD files into pixel-perfect UI experiences for branding teams.
- Maintained Git workflows using Gitflow + CI triggers for stable releases.
- Reduced cart abandonment by 16% via WooCommerce checkout improvements.
- Participated in daily agile sprints with cross-disciplinary creative and engineering teams.