**Gregory Starr** *Austin, TX | gregory.a.starr@gmail.com | 320-300-0013 | LinkedIn:* <https://www.linkedin.com/in/gregorystarr>

**Summary** Senior Software Engineer with 20+ years of experience architecting frontend ecosystems and building scalable, high-impact web applications. Expert in React, Vue.js, micro frontend architecture, and state management. Known for delivering design systems and AI-integrated interfaces in high-security and enterprise-grade environments. Adept at mentoring teams, leading large-scale migrations, and optimizing performance across modern JS stacks.

**Core Competencies** **Frontend & UI**: React, Vue.js, TypeScript, Redux, Zustand, MobX, Vuex, Pinia, Material-UI, TailwindCSS, Component Design, Design Systems

**Architecture & Patterns**: Micro Frontends, Atomic Design, SSR/CSR Hybrid Apps, Modular Monorepos (NX, TurboRepo)

**Testing & Optimization**: Jest, Cypress, React Testing Library, Vue Test Utils, Webpack, Lighthouse, React Profiler

**AI & Innovation**: Agentic workflows, LangChain, Retrieval-Augmented Generation (RAG), AI-enhanced UX

**Dev & Workflow**: Node.js, Git, CI/CD, Storybook, Agile/Scrum, Code Review Practices

**Professional Experience**

**Senior Software Engineer | RAPP - Chicago, IL | Sep 2023 - Present**

* Engineered modular, reusable React components for a high-security enterprise platform within a micro frontend architecture.
* Developed Vue.js-based internal tool for Army client, implementing secure data visualization and workflow management features.
* Consolidated state handling using Redux, Zustand, Context API, and Vuex based on domain needs.
* Boosted app performance by 30% using Lighthouse, React Profiler, and Webpack fine-tuning.
* Created robust test coverage with Jest, RTL, Vue Test Utils, and Cypress.
* Led design-to-code pipeline with designers for pixel-perfect, accessible UIs.
* Mentored junior engineers and conducted code audits to enforce best practices.

**Founder / Consultant | StarrIT LLC - Austin, TX | Jan 2017 - Oct 2023**

* Delivered scalable React-based frontend systems to startups and mid-market clients.
* Specialized in modular design systems, accessibility-first interfaces, and performance tuning.
* Architected and deployed micro frontend patterns across client engagements.

**Senior Software Engineer | GLG - Austin, TX | Sep 2018 - Dec 2021**

* Championed React adoption across the engineering org.
* Built and maintained company-wide design system powering multiple micro-apps.
* Delivered onboarding and user management modules used by thousands globally.

**Lead Frontend Engineer | SeniorAdvisor.com - Austin, TX | Oct 2016 - 2018**

* Led frontend re-architecture from Rails monolith to decoupled microservices.
* Established coding standards and implemented reusable React modules.

**Principal Engineer | Trim Agency - Fort Lauderdale, FL | 2015 - 2017**

* Delivered frontend solutions for mobile/web using React, MobX, and modular UI strategies.
* Led junior mentorship efforts and introduced version control conventions.

**Senior Frontend Engineer | Wishclouds.com - Boca Raton, FL | 2014**

* Built responsive SPAs using Backbone.js; optimized for performance and UX.

**Frontend Developer | ISO - Florida/New Jersey | 2009 - 2012**

* Delivered cloud-based interfaces with Flex and Backbone.js for enterprise clients.

**Flash Developer | Yahoo! Maps | 2006 - 2008**

* Developed interactive mapping components using Adobe Flex and AJAX.

**Principal ActionScript Engineer | FriendFinder Inc. - Palo Alto, CA | 2004 - 2005**

* Led development of live video and chat features for interactive media experiences.

AI & R&D Focus

* Multi-agent orchestration for document analysis and UI automation
* Custom LangChain agents for research, classification, and lead generation
* RAG pipelines and vector search integration into React dashboards
* Experiments with WebAssembly for AI model execution on the edge

Education **Associate of Science - Computer Science**, Full Sail University, 2003