

Jonah Schulte

Hooksett, NH (Remote Work Preferred) · Jonah@JonahSchulte.com · LinkedIn · jonahschulte.com

Principal Software Engineer

Principal Software Engineer with over 26 years of experience architecting and delivering enterprise-grade platforms, crafting robust code, and solving complex problems every day. Expert in website performance tuning and best practices. Technical leader and builder with deep AWS, frontend, and DevOps expertise, blending hands-on coding with mentoring and strategic initiatives to drive high-impact outcomes. An early, heavy adopter of AI-assisted engineering — integrating LLMs into developer workflows and building tooling that multiplies team output.

TECHNICAL SKILLS

- **AI/ML:** LLM application development, AI-assisted engineering workflows, prompt engineering, retrieval-augmented generation (RAG), agentic tooling & orchestration, Model Context Protocol (MCP), Claude / OpenAI APIs, vector search
- **Languages:** TypeScript, JavaScript, Python, Java, HTML/SCSS, Bash, Ruby, SQL
- **Frameworks:** React, Node.js, Next.js, Vue, Vite, Spring Boot
- **Cloud:** AWS (extensive services across compute, storage, networking, and security)
- **DevOps:** Docker, Terraform, GitHub Actions, CI/CD, New Relic, LaunchDarkly, Sumo Logic, Splunk, Linux server troubleshooting and maintenance
- **Other:** Serverless APIs, Performance Optimization, Enterprise Architecture

PROFESSIONAL EXPERIENCE

Cox Automotive (Dealer.com) — Burlington, VT (Remote)

March 2011 – Present

Principal Software Engineer, Website Platform

- Architect and deliver enterprise-scale solutions serving thousands of automotive websites.
- Invented and developed a third-party integration system now supporting over 800 providers, reducing related support calls by 75% and streamlining site performance.
- Guided teams through a multi-year platform evolution, seamlessly transitioning from monolithic to microservice-based architectures.
- Lead adoption of LLM-based tooling for data analysis, code, and workflow automation across engineering teams.
- Champion AI-assisted development practices, embedding LLMs into day-to-day engineering to accelerate delivery.
- Spearhead AWS infrastructure initiatives across a wide range of services to enhance scalability and reliability.
- Mentor and guide engineering teams, improving code quality and decision-making across the organization.
- Champion DevOps best practices using CI/CD pipelines and infrastructure as code for scalable platform delivery.
- Integrate organization security initiatives and other cross-cutting requirements at scale across the platform.

Tierra Innovation — Brooklyn, NY (Remote)

Jul 2008 – Mar 2011

CSS/HTML Web Developer

- Developed and maintained frontend interfaces, ensuring clean, accessible designs.
- Collaborated with designers and engineers to deliver maintainable client solutions.
- Noteworthy clients included the Poetry Foundation, Warner Brothers, CBS, and NFL RedZone.

Union Street Media — Burlington, VT

Jun 2001 – Feb 2009

Systems Administrator / Web Developer

- Built and maintained hundreds of client websites, including frontend and backend development.
- Managed Linux server environments for hosted websites, ensuring uptime and reliability.
- Implemented site optimizations and managed technical support.
- Provided top-level phone and email support to dozens of customers weekly in a fast-paced environment.

EDUCATION

Champlain College, Burlington, Vermont — Associate Degree, Graduated 2002

LEADERSHIP & IMPACT

- Mentored dozens of engineers across multiple teams and projects.
- Led critical discovery initiatives defining architecture and product direction.
- Delivered high-value solutions from conception through completion as a technical problem solver and team player.
- Balanced hands-on coding with organizational leadership, amplifying team impact while driving best practices.
- Fully embraced and excelled in delivering numerous high-profile, complex enterprise projects with a positive, collaborative attitude.