

Shane Miller

Senior Software Engineer • Full-Stack / Frontend-Leaning Boulder, CO (Remote)

Summary

Senior Software Engineer with 10+ years of experience building and scaling production systems across fintech, SaaS, and consumer platforms. Strong in modern frontend (React, Next.js, TypeScript) with deep backend and security experience (C#, OAuth, SSO, APIs). Founder of two AI-driven products with real users, payments, and analytics in production.

Experience

Senior Engineer Level II — Data Center Inc. (Remote)

April 2025 – Present

Senior II engineer on a core banking platform supporting daily financial operations and strict SLAs. Designs and implements scalable features in C# within an Agile environment, focusing on reliability, performance, and end-to-end delivery.

Founder — ApplyPro.ai

September 2024 – Present

Launched an AI-powered resume builder using Next.js, App Router, SSR, and Tailwind. Deployed on Vercel with Stripe and Mixpanel integrations. Iterated rapidly from user feedback to reach 400+ active users.

Founder — U-Mail.ai

April 2024 – Present

Built an AI-powered email and messaging platform integrating Gmail, Firebase, and Node/Express APIs. Implemented secure OAuth flows, voice-to-text, and Google Meet and Zoom integrations, expanding into B2B use cases.

Senior Software Engineer — S&P; Global

February 2018 – February 2024

Diagnosed and resolved complex full-stack issues across large-scale financial applications. Owned security integrations including SAML, SSO, and OAuth, and partnered with product teams to deliver reliable, production-grade features.

Web Developer, Client-Facing Team — S&P; Global

August 2014 – February 2018

Developed and maintained high-traffic live-streaming financial applications. Delivered custom solutions for multinational clients while integrating new features into legacy systems under tight deadlines.

Skills

TypeScript, JavaScript, React, Next.js, Node.js, PostgreSQL, Docker, OAuth, Tailwind CSS, AI/ML Integration, Vercel, Mixpanel

Certifications

Certificate in Mid-Tier Development — IHS Markit / Dev-U
Web Development Immersive — General Assembly