

Matt Gold

Staff-level Software Engineer - Frontend Leaning

Full-stack Software Engineer with 12+ years of experience building web products and distributed systems. Specialized in frontend architecture and design systems, with further expertise in microservices, event-driven backends, cloud infrastructure, and applied AI.

Work Experience

Staff Software Engineer

Tonic AI

March 2022 - September 2025

- Modernized React + TypeScript practices by establishing scalable patterns adopted across teams; mentored engineers across the org in frontend patterns and best practice.
- Developed Tonic's design system from initial concept into a Sass + React library that superseded Palantir's Blueprint JS, driving adoption across teams and mentoring peers.
- Built AI-driven features using Model Context Protocol (MCP) to integrate large language models into the platform.
- Greenfielded the Tonic Ephemeral web application in React, owning architecture and delivery.
- Introduced front-end testing with Playwright and scaled integration test suites across multiple products to achieve high coverage.

Staff Architect / Tech Lead

American Express (formerly Kabbage)

June 2019 - March 2022

- Architected a new micro-frontend platform that integrated and enhanced all of Kabbage's web products, enabling daily releases

Contact Info

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Portfolio: mattgold.dev

Skills

Frontend

TypeScript, React, Angular, CSS/Sass, UI architecture, Design systems, Playwright, Cypress, Jest, Storybook, Module federation

Backend

Node.js, .NET (C#), Express/Nest, Microservices, Event-driven systems

AI

AI-driven product features (MCP), Agent orchestration (Codemachine), Claude CLI, Codex CLI, Copilot CLI

Data

Database design, SQL development, (Postgres, MySQL, MSSQL, MongoDB)

Infrastructure & DevOps

AWS, Docker, Kubernetes, Monorepos, Microfrontends, CI/CD pipelines, Terraform, GitHub Actions,

across multiple teams; technology later acquired by American Express and used to launch the Amex Business Line of Credit.

- Created and scaled the Sprout design system, achieving adoption across product lines and ensuring consistent, accessible UI/UX.
- Engineered dynamic onboarding flows that adapted daily to SBA requirement changes, helping Kabbage become the third-largest PPP loan provider during the COVID crisis.
- Built core services in a .NET Core + Kubernetes microservice backend, improving scalability and resilience across products.

Senior Software Engineer

Kabbage

June 2015 - June 2019

- Delivered high-profile partner integrations, including Alibaba Pay Later and Airbnb Host Capital, across diverse technology stacks.
- Contributed to the launch of Kabbage Payments, helping bring a new product from incubation to market.
- Enhanced the lending platform APIs and integrated with banking partners including ING and Santander.

Software Engineer

Innovatum, Inc.

May 2012 - June 2015

- Contributed to the ROBAR suite using ASP.NET MVC, developing enterprise label printing solutions for the life sciences industry.

Education

Bachelors of Science, Computer Science

Georgia State University

2008 - 2012

Concentration in Human-Computer interaction. Magna Cum Laude.

Projects

Stego

A CLI-based writing platform that turns VSCode into a powerful word processor for long-form writing projects.

<https://github.com/matt-gold/stego>

Saurus

An AI-powered thesaurus and text revision engine for VSCode.

<https://github.com/matt-gold/saurus-extension>

Default Dan

A viral platformer game I developed and released on [Steam](#) in 2015.