

# Thomas E. Gooch - Software Development Engineer

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## Professional Summary

Software Engineer focused on building scalable, user-centered applications and turning complex requirements into clear, maintainable systems. Experienced across the full development lifecycle, with a track record of shipping reliable solutions and communicating technical concepts effectively through mentorship, presentations, and collaboration.

## Professional Experience

### Tokyo Electron – Software Development Engineer

Austin, TX | Dec 2022 – Present

- Support enterprise-scale business applications for a global leader in semiconductor manufacturing, delivering reliable, high-performance solutions that power critical operations and customer-facing systems.
- Collaborated with distributed teams to refine business requirements and deliver scalable features, improving reliability and consistency across applications.
- Owned U.S.-side delivery of React applications, ensuring seamless integration with Spring Boot APIs and MS SQL databases to enable reliable, scalable user-facing features across distributed systems.
- Designed and implemented data transformation workflows using SQL Server Integration Services (SSIS) and SQL to improve data processing reliability and integration across complex systems.
- Modernized customer-facing platforms by upgrading legacy front-end and back-end technologies, improving security, performance, and maintainability while successfully supporting a compliance audit.
- Implemented ARIA standards to achieve WCAG 2.1 accessibility compliance to reduce accessibility related support issues.
- **Technologies:** React, JavaScript, TypeScript, Java, SpringBoot, SQL, HTML, CSS, OutSystems, Boomi

## Project Experience

### AltTeleprompter.com – Full Stack Developer | 2026

- Created and deployed a teleprompter application that syncs with the user's voice to pace the scroll timing with the user's cadence, and colors every other line, to help neurodivergent users keep focus.
- **Tech Stack:** HTML, CSS, JavaScript, Hosted on Vercel

### TheGatheringCall.com – Full Stack Developer | 2025 |

- Designed and shipped a full-stack Next.js platform to solve the biggest hurdle in tabletop gaming - scheduling.
- The platform was developed for discovering, scheduling, and monetizing tabletop gaming sessions, including campaign management and integrated payments.
- **Tech Stack:** Next.js, Typescript, Twilio, MongoDB, Stripe, Tailwind, Hosted on Vercel

## Community Development

### Dallas Software Developers – Community Volunteer | Spring 2025 – Present

- Mentor junior developers in six-week, project-based cohorts that simulate real-world Agile delivery environments, guiding them from requirements breakdown through deployment.
- Lead recurring standups, sprint planning, and retrospective sessions while facilitating technical discussions around architecture, debugging, and best practices.
- Drive team accountability and delivery outcomes, consistently helping cohorts ship complete, demo-ready applications on or ahead of schedule.

### NEXT.ATX – Meetup Organizer | 2026 – Present

- Drive Developer Relations for the Austin Next.js community by organizing and hosting meetups, delivering technical presentations, and cultivating engagement around modern web development.