Minneapolis, USA
Website | LinkedIn

Andrew Tapper

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Technologies and Languages

- JavaScript/TypeScript, Angular, Next.js, Node.js, React, React Native
- GraphQL, NgRx, Jest, Postgres, Docker, REST, Web Accessibility

Work Experience

Software Engineer   **Sitecraft**   **August 2024 – Present**
Remote   NYC, USA

- Tested and engineered 15 key features for a global law firm's flagship web application using Angular and TypeScript, including integration with a document automation system that facilitated self-service and reduced the amount of legal time and costs for the firm's clients.
- Collaborated with designers, product managers, and QA to deliver high-fidelity UI components for complex legal workflows, completing all 4 planned releases on schedule and receiving positive feedback from key stakeholders.
- Optimized front-end performance by implementing efficient API data fetching patterns and caching strategies, reducing average page load times by 30% and improving overall application responsiveness.

Software Engineer   **Tapper Codes Consulting**   **March 2022 – Present**
Minneapolis, USA

- Built and maintained full-stack web applications and static websites from conception to deployment for 5 different clients across small and medium-sized businesses.
- Expanded a client's customer base by 11% by migrating business data to the web and magnified the company's exposure by 20% by launching an online presence.
- Managed client expectations by clearly scoping project parameters, establishing sensible timelines, and providing preview deployments with weekly progress updates.

Software Engineer (Associate)   **Creed Interactive**   **Feb 2023 – Oct 2023**
Hybrid   Minneapolis, USA

- Taught myself Angular and NgRx design patterns in less than 4 weeks to transform project specifications into a robust software solution, resulting in a product that reduced process time for end-users by 51%.
- Completed 35 assigned sprint tickets at least 15% ahead of schedule, contributing to team efficiency by assisting colleagues and tackling additional backlog items.
- Led the development of a pivotal feature in a real-time chat application using React and NestJS, creating both the technical implementation and detailed documentation that ensured successful client adoption and streamlined user workflows.

Software Engineer   **100Devs**   **Jan 2022 – Jan 2023**
Remote   Los Angeles, USA

- Collaborated with a team of developers to design, develop, and deliver modern and responsive web applications using best practices.
- Built full-stack web applications using a semantically structured approach, resulting in applications that were easy to use and maintain.
- Successfully delivered projects on time and within budget by applying agile methodologies like SCRUM.

Team Lead   **Eastside Food Co-op**   **Dec 2018 – Dec 2021**
Minneapolis, USA

- Coordinated a team of 10, focusing on production and workflow improvements by providing leadership, oversight, and training of staff.
- Quickly adapted to different roles within the department, filling in wherever needed, providing increased stability of operations.

Education and Certifications

- **Computer Science,** St. Cloud State University.   **2015–2017**
- **A+ ce Certification,** CompTIA.   **Jan 2022**

Awards

- Creed Monthly Developer Challenge (April 2023), 1st place.
- 2023 Creed Chili Cook-off Challenge, 3rd place.

Projects and Volunteer Work

- **Dinder (Mobile App/API Server)** – Like Tinder for food, this full-stack React Native app uses swipe matching to help users decide on the perfect place for their next meal. Built with React Native, Node, Express, JWTs, TypeScript, React Query, Tailwind CSS, and PostgreSQL. See the source on Github.
- **C1Conversations (Chat App/Admin Tool/Config API)** – An enterprise-grade multi-tenant chat application and administration interface, built using TypeScript React, that pulls custom configurations from a Node API server built with NestJS.
- **SLEQ (Web App)** – A secure online platform that simplifies creating and managing RFPs for insurance administrators and brokers. This responsive Angular app utilized Nx for workspace management, NgRx for global state management, and Bootstrap with Sass for styling. Project requirements led to the creation of a hand-rolled component library that leveraged Storybook for the development of custom dynamic UI elements.
- **Volunteer Captain** at Minnestar. I provisioned a support structure for new and returning volunteers by answering questions, facilitating shift changes, and triaging problems at the nation's largest and longest-running technology unconference, Minnebar, which attracts more than 1,000 attendees annually.

Interests

- I am an avid billiards player and started playing competitively in leagues this past year.
- I enjoy growing hot peppers in my garden and fermenting them to create unique sauces.
- A pickleball paddle still feels foreign in my hand, but do not catch me around a tennis or ping pong net.