Aidan Tilgner
Software Engineer, Web Developer

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Skills

Frontend: **React (+Native), TypeScript/JavaScript, Svelte, Tailwind, CSS/SASS, Bundlers**
Backend: **Golang, Node, Python, Express, Laravel, Next.js, REST, GraphQL**
Database: **MySQL, MariaDB, SurrealDB, Sqlite3**
Misc: **Amazon Web Services, GitHub, Docker, Figma**

Experience

Software Engineer │ Digital Strata

- **Engineered**, developed and maintained **domain specific enterprise applications**.
- Worked with legacy code, orienting myself quickly in order to **produce deliverables**.
- Took ownership of features and software, helping to **lead development** of multiple applications

Contributor │ WatchDuty, Flowise, QuasarBrains

- Contributed to **UI development and performance optimization** as a volunteer at WatchDuty
- Conducted **bug fixes and feature implementations** for Flowise open-source
- **Architected and engineered** open-source developer tooling and APIs through my QuasarBrains organization

Personal Projects   Check out my github →

Chain of Custody │ A proprietary digital forensics toolkit application

Using **Typescript and React**, I **lead the client-side development** of a production digital forensics utility for use by professionals at Digital Strata. This required careful **consideration of tradeoffs between abstraction and flexibility**, balancing security and performance without compromising user experience.

Assistant Framework │ repo - Build infinitely extensible AI digital assistants

Through my QuasarBrains GitHub organization, I **maintain an open-source framework** for building digital assistants. The framework handles the annoying parts, and you simply add functionality using a declarative, service-based architecture.