

# Aidan Tilgner

## WEB DEVELOPER

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As a Full-Stack Engineer, my forte lies in front-end development with significant expertise in React and Svelte. Proficient in JavaScript/Typescript, NodeJS, Python, and MySQL, I've developed complex applications that are secure and scalable. Leveraging AWS, I ensure high performance. A communicative team player, I effectively collaborate across functions to deliver innovative products. With a pragmatic approach and flexible mindset, I swiftly adapt to new challenges.

## EXPERIENCE

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### Web Developer, Full Stack | Digital Strata

August 2021 - Present | Remote

- Developed complex multitenant and enterprise web applications with a high focus on scalability and maintainability.
- Helped lead project development from prototype to production, with an emphasis on user experience.
- Made both high level and low level software architecture and design decisions as part of my role.

### Web Development Mentor | Wyzant

July 2021 - Present | Remote

- Helped students understand and master frontend web development with modern libraries such as React.js, Next.js, Chart.js, and Typescript.
- Aided students in building backend REST API's with technologies like Express.js, MySQL, MongoDB, and Websockets.
- Through working with students to perfect their skills, I've learned a lot through finding intuitive ways to explain complex concepts.

## EDUCATION

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### BrainStation | Diploma Recipient, Web Development

February 2021 - May 2021

Over the course of around *450 total hours*, I learned web development technologies, concepts, and industry standards through a variety of sprint-based, professional-grade projects.

### Sprague | Diploma Recipient

September 2017 - June 2021

During my time at Sprague I took multiple advanced computer science courses. These ranged from web design to low level computer science fundamentals.

## SKILLS

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- **Frontend** - React and React Native, Typescript, Svelte
- **Backend** - Laravel, PHP, Golang, Express.js, Node, Python
- **Database** - MySQL, Surreal DB, MongoDB, MariaDB
- **Design** - Figma, SVG Animation

## NOTEABLE PROJECTS

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- **Onyx Chat** - [github.com/Onyx-Systems/Onyx-Chat](https://github.com/Onyx-Systems/Onyx-Chat)
- **Onyx Digital Assistant System** - [github.com/Onyx-Systems/Onyx-Core](https://github.com/Onyx-Systems/Onyx-Core)
- **Natural Language Processing API** - [github.com/AidanTilgner/NLU\\_API](https://github.com/AidanTilgner/NLU_API)
- **Component Tracker** - [github.com/AidanTilgner/component-tracker](https://github.com/AidanTilgner/component-tracker)
- **Python Speech Recognition REST API** - [github.com/AidanTilgner/flask-silero-speech-recog-server](https://github.com/AidanTilgner/flask-silero-speech-recog-server)