

# Casey Fronk

Full Stack Software Engineer

Murray, UT

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## Experience

### Wyssling Consulting — Principal Engineer (2021 - Present)

- Leading the development of a custom CRM system in the solar industry that has streamlined workflows and increased productivity and accuracy.
- Configured a tRPC API for querying and mutating data using best practices with tRPC procedures, context, and middleware.
- Configured a PostgreSQL database on AWS. All table definitions and migrations managed using Drizzle - recently migrated from Prisma.
- Frontend built using React, shadcn/ui components and Tailwind CSS. Customizable theme with consistent UI look/feel, and light/dark modes.
- Interviewing and training two engineers, conducting code reviews, and teaching scalable, maintainable software practices.

### Side Projects — (2017 - Present)

- Building an automated PDF generator with Next.js (App router)
- Example CRUD apps for evaluating libraries and frameworks, such as Next.js, tRPC, Drizzle, Radix Themes, many more.

### Skyfine USA — Software Engineer (2021)

- Built and implemented a React Native mobile app for iOS and Android.
- Migrated an existing PHP system to React and React Native.

### Neurology Behavior & Learning — IT Admin (2020)

- Network administration, help-desk, and various administrative tasks.

### Younique Foundation — Manager of IT (2014 - 2019)

- Onboarding, network administration, and IT support for 700+ employees.

## Education

### DevMountain (2017)

- Learned full-stack using TypeScript, React, Express and PostgreSQL.

### Cottonwood High School (2012)

## Programming Languages

TypeScript, JavaScript, HTML, CSS, Rust, SQL, PostgreSQL, Python, PowerShell

## Frameworks & Libraries

React, React Native, Angular, Express, Next.js, TailwindCSS, Material UI, Shadcn/ui, tRPC, Drizzle, Prisma, Sequelize and more

## Tools & Platforms

Node, AWS, Docker, Git, JSON Web Tokens

## Technical Skills

Database Design  
Authentication  
Role-Based Authorization  
UI/UX Design  
CI/CD Configuration  
Data Aggregation & Analytics  
CSV Generation  
PDF Generation  
Image Processing