

# Caiden Kehrer

## CONTACT

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<https://caidenkehrer.com/>

## About Me

Software engineer who loves taking a small idea and turning it into a large product. Works regularly with new systems and unfamiliar languages. Noticed for rapid implementation of applications. Daily workflow includes using GitHub and other collaborative software, maintaining design optimizing programs, working with consumers to enable their goals.

## EDUCATION

**Bachelors of Science,**  
*Computer Science*  
Utah Valley University  
– Orem UT

## KEY SKILLS

- C#
- Angular
- HTML/CSS/Javascript
- TSQL/SQL
- Visual Studio
- VSCode
- Full stack development

## SOFT SKILLS

- Experienced
- Quick learner
- Self Motivated
- Time oriented
- Collaboration
- Adaptable

## PROFESSIONAL EXPERIENCE

### Senior Full-stack Developer, Database Manager

Jul 2024 – Present

Pollen Sense - Provo, Utah

- Optimized queries for hundreds of real-time sensors ingesting over a terabyte of particulate data daily in the form of images and text-like data.
- Advancing advanced AI systems for predicting and modeling air particulate data across the northern American continent.
- Managed and led developers to accomplish goals, while reviewing and suggesting ways to improve.
- Managed relational SQL databases and APIs for 6 separately developed applications

### Full stack developer, API developer

Jan 2022 – Jul 2024

Pollen Sense - Provo, Utah

- Implemented an end-to-end solution many customers use to access and control their collection sensors.
- Developed a self-updating set of software for over 200 air particulate collection devices worldwide
- Designed public API systems to expose geo-spatial particulate data to paying customers
- Worked with other software engineers to implement a CI/CD system for a consumer-facing end-to-end technical solution
- Collaborated with cross-functional teams in Nepal, Asia, and the UK

### Full stack developer

Apr 2020 – Jan 2022

Pollen Sense - Provo, Utah

- Built an authorization and authentication system for users compatible with ios, android, and web
- Maintained and designed testing for machine learning software
- Implemented a system for mapping air particulate data across geospatial regions and predicting future air quality.

### ESL Teacher

2018 – 2020

Deseret Industries - Mongolia

- Created and maintained lesson plans
- By Implemented new teaching styles for teaching English as a second language
- Scheduled and kept meetings with influential leaders
- Taught students in schools, homes, and governmental institutions.

### Software engineering Internship

2017 – 2018

Digithought - Mapleton, Utah

- Maintained official spaces for the engineering of new products
- Designed and finalized software for automated particulate sensors
- Implemented new database queries for spatial relations

