

Jacob Diehl

(970) 582-0018 | Jakediehl17@gmail.com | [LinkedIn](#) | [Github](#) | [Website](#)

CAREER SUMMARY

Data-Enabled Full-Stack Developer proficient in SQL, TypeScript, and cloud-based architectures. From client side input to extracting, loading and transforming data, I'm the swiss army knife of web development.

EXPERIENCE

Novata

L4 Analytics Developer

Denver, Colorado

July 2024 - March 2025

- Ensured a consistent and scalable design across thousands of dashboards with custom Javascript and CSS plugins.
- Engineered a navigation system in Sisense for users to explore portfolio metrics and benchmarks.
- Built algorithm to auto-select the most relevant benchmarks that pertain to a company reducing benchmark related support sessions by 50%.
- Automated data ingestion from S3 to Snowflake data-warehouse with Dagster Jobs.
- Developed DBT macros to flag potential data entry errors, enhancing data integrity and alerted over 100 companies of errors.
- Reviewed colleagues' pull requests in GitHub to prevent breaking changes to the Snowflake data warehouse.

Data Annotation

AI Training Specialist

Denver, Colorado

February 2024 - July 2024

- Identified security risks in user AI queries including SQL injection, PII exposure, and misinformation, to ensure safe and accurate model responses.
- Explored Javascript libraries, Ruby Gems, APIs, and tools to fill gaps in AI model knowledge.
- Recommended enhancements to model responses for accuracy and reliability.
- Suggested improvements based on time complexity and modularity.

Flatiron

Mentor

Denver, Colorado

May 2024 - July 2024

- Diagnosed coding errors to unblock students, and provided hints for improved debugging skills.
- Advised students in React routing, fetch requests, and building ROR scaffolds to build full-stack applications.
- Coached students through CORS issues for their client and server side code so they could deploy to Render.
- Guided students through integrating their deployed websites with ElephantSQL, enabling production-ready database connectivity.

TECHNICAL SKILLS

Languages: Typescript, Python, SQL, HTML, and SCSS

Tools: React, Jest, Dagster, DBT, Snowflake, GitHub, Express.js, and Docker

AWS Services: API Gateway, Lambda, IAM, S3, and AWS Aurora

TECHNICAL PROJECT

Diehl Domain - [Github](#) | [Website](#)

- A personal portfolio website to showcase my "mini-projects" and skills.
 - Developed Checkers, Pentago, and Connect 4 for players to play online with one another with Next.js.
 - Optimized site-wide theming using SCSS variables and React components for a consistent and modular design.
 - Organized skills with a robust filtering system allowing potential employers to easily explore skills I have.

EDUCATION

Flatiron School

Full Stack Web Development Bootcamp

Denver, Colorado

November 2022 - April 2023

Central Michigan University

Bachelors of Science

Mount Pleasant, Michigan

August 2014 - December 2018