

# Sabrina Freifeld

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## Full Stack Engineer

Software Engineer leveraging over 5 years of experience in data analytics within risk management, e-commerce, and adtech sectors. Proven track record of developing internal tools to enhance efficiency and standardize processes. My dual expertise in data analytics and software engineering provides a unique perspective, enabling me to transform complex data into actionable strategies and build robust, data-driven solutions.

## WORK EXPERIENCE

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**Podium • Lehi, Utah, United States • Remote • 07/2023 - 02/2024**

### Data Analyst

- Achieved a 96% YoY reduction in fraud loss through implementation of alerting mechanisms, investigation procedures, and agile methodologies within the SDLC.
- Prepared a robust repository of over 20 SQL queries for investigating Account Takeover incidents, reducing damage assessment time by 40% and increasing the accuracy of identifying affected users.
- Innovated a dynamic reporting system and dashboard using Python and Tableau for the sales team, reducing the compensation calculation time from 10 hours to real-time, enabling immediate insight into payouts, target progress, and key performance metrics.
- Implemented an automated fraud detection queue by creating two predictive data models for customer fraud and credit risk, which streamlined the process for risk analysts and centralized fraud detection efforts.

**Signifyd • Denver, Colorado, United States • Remote • 06/2021 - 08/2023**

### Data Analyst

- Developed a Python automation tool that standardized data ingestion operations, eliminated manual errors, and saved over 20 hours monthly. Used matplotlib to generate KPI visualizations before and after ingestion, enhancing strategic decision-making.
- Spearheaded a cross-functional team of 6 to develop a sophisticated LookML-based alerting system, cutting down major issue notification times by 50%. Refined the algorithm weightings to achieve a false positive rate of just 6% and a false negative rate of 0%.
- Architected an advanced Google Apps Script macro to automate auditor assignments adhering to stringent compliance conditions and ensuring comprehensive, accurate record-keeping. This automation eliminated 3 hours of manual work weekly, improved audit trail reliability, reduced human error, and facilitated seamless integration with existing workflows.

## PROJECTS

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### Project Portfolio

[www.sabfry.com](https://www.sabfry.com)

Designed and built a custom portfolio website from scratch, that includes my most recent projects. ReactJS frontend, Tailwind styling, and deployed through cloudflare.

### DevImpact

[www.phase-5.vercel.app](https://www.phase-5.vercel.app)

Designed to bridge the gap between nonprofits needing technical assistance and entry-level developers seeking real-world experience. React frontend, Supabase backend, Bootstrap styling, and deployed with Vercel.

## SKILLS

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Bash, DBT, Flask, Git, HTML/CSS/JavaScript, Looker / Tableau, Python, React.js, REST APIs, Snowflake, SQL, Tailwind

## EDUCATION

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### Computer Software Engineering

Flatiron School  
02/2024 - 06/2024

An intensive full-stack software engineer program centered around Javascript, React, Python, and Flask.

### Marketing

Penn State University  
GPA: 3.67  
06/2018