

# Ethan A. Brouwer

Email: eabrouwer3@gmail.com

Cell phone: +1 (801) 368 6195

[www.linkedin.com/in/eabrouwer3](https://www.linkedin.com/in/eabrouwer3)

<https://ebrouwer.dev>

**Software Engineer** with 8+ years of experience building scalable solutions in the blockchain and financial services industries. Proven ability to lead cross-team initiatives, build high-visibility customer-facing products, and drive innovation across the stack — from React frontends to distributed data pipelines and cloud-native infrastructure. Adept at partnering with product teams to translate customer needs into technical strategy. Experienced in AWS, large-scale data processing, and API/platform development.

## PROFESSIONAL EXPERIENCE

### TaxBit – Staff Software Engineer

Draper, Utah (April 2019 – present)

- **Scalable Data Platform:** Built and launched a service syncing hundreds of millions of blockchain transactions daily, owning infrastructure, repo setup, and CI/CD deployments. Designed extensible abstractions so new integrations could be added quickly by other engineers.
- **PySpark Framework:** Crafted a PySpark abstraction framework that simplified job composition and improved performance, reliability, and observability of data pipelines, accelerating delivery for multiple teams.
- **Product & Platform Leadership:** Designed and delivered TaxBit's public API (millions of daily requests) and core ETL pipelines, enabling enterprise-scale customer adoption.
- **Global Product Enablement:** Partnered with tax SMEs to build the first UK and Canada tax engines, delivering business-critical functionality for international markets.
- **ERP Integration Ownership:** Took over existing ERP integrations (QuickBooks, Netsuite, Xero), improved stability and workflows, and then cross-trained other engineers to own them, reducing single points of failure and scaling team knowledge.
- **Full-Stack Product Delivery:** Independently developed TaxBit's entire consumer frontend in React within 6 months, creating a responsive user experience integrated with backend APIs.

### LearningBridge Inc. – Software Engineer

American Fork, Utah (March 2018 – April 2019)

- Modernized core platform by rebuilding frontends for mobile responsiveness and re-implementing key document automation features.

### Perfect Pitch Tech – Software Engineer

Lehi, Utah (March 2015 – December 2015)

- Designed and deployed the company's first Puppet-based infrastructure across 60+ on-prem servers.
- Contributed to frontend and backend services in Python (Django, Twisted), maintaining 24/7 reliability of production systems.

## EDUCATION

**B.S. Applied and Computational Mathematics**, Brigham Young University, 2022

## SKILLS

- **Languages/Frameworks:** TypeScript, JavaScript, Deno, NestJS, React, Svelte, Python, FastAPI, Flask, PySpark, Clojure, Go, Rust, Java, C++, Solidity, Haskell
- **Cloud/Infra:** AWS (Lambda, ECS, Batch, API Gateway, CDK, SAM, CloudFormation, DynamoDB, Glue), GCP, Docker, Kubernetes, Terraform, GitHub Actions, Postgres/SQL, Iceberg, Elasticsearch
- **System Design:** Distributed data pipelines, API platforms, CI/CD automation, observability

## OPEN SOURCE CONTRIBUTIONS

- **Terraform Airbyte Provider:** Built the original Terraform provider for Airbyte, later adopted and maintained by the Airbyte team, enabling declarative infrastructure management for data pipelines.  
(<https://github.com/eabrouwer3/terraform-provider-airbyte>)