

STAFF ENGINEER, GRAPHQL PLATFORM

July 10, 2025

Gusto

Dear Gusto,

TL;DR I've done sophisticated, weird, and interesting things with GraphQL, am excited about this position, and am also absolutely a real human being directly typing these symbols into my computer for you to read, dear hiring manager.

I've worked on two sophisticated GraphQL APIs and have some experience working with Apollo for federation, monitoring, and compatibility-checking. The more complicated API had a large number of objects imported from a JSON Schema specification. This required AST analysis and compiler techniques, since JSON Schema has constraints rather than types, unions, and even potentially circular references to named constraints defined elsewhere. The resulting GraphQL schema was fully correctly typed.

In this system, I implemented sophisticated, sort-of readable GraphQL filters that allowed testing for equality and ordering, multiple clauses with AND/OR logical connectives, clause negation, and set operations.

The other system was a near-realtime Salesforce data cache with a data-driven schema. This system I inherited, heavily optimized, and added new features to the GraphQL schema.

I'm also versed in AWS and Kubernetes, scaling systems, blue/green deploys, the concepts of federation, OAuth, SAML, and many other things that would be useful.

Sincerely,

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