

Bhavin Shah

A hands-on software engineer with over 8 years of experience in software development. I am interested in positive-impact roles and unique technical challenges.

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==== SKILLS

- Tech: Java, SQL, AWS, GCP, Azure, Rust (intermediate)
- Backend/Data: PostgreSQL, NoSQL, DynamoDB
- DevOps: CI/CD, Jenkins, Kubernetes, Docker, GitHub Actions
- Application/API: Spring Boot, WebFlux, GraphQL, REST

==== WORK EXPERIENCE

Intuit Inc.

Senior Software Engineer
Present

May 2019 -

- Built a collection of services that provide managed Relational databases for Intuit's data needs.
- Designed a schema federation layer that combines multiple GraphQL APIs to expose data from 50+ remote microservices in a unified schema.
- Modeled a dynamic schema registration pipeline enabling GraphQL Gateway to consume schema changes at runtime.
- POC for all grammar changes in custom GraphQL schema parser.
- Contributed to the tooling ecosystem around GraphQL Gateway by building pipelines and automation for AuthZ rules, tracing metrics, alerts, and dashboards.
- Coached multiple teams at Intuit on using GraphQL technology and its best practices.

Software Engineer Co-op

May 2018 - Dec 2018

- Designed and implemented language features in a Domain Specific Language used for Service & Data Orchestration by multiple microservices powering products like Mint and TurboTax.

Terakeet Inc.

Software Engineer Intern

May 2017 - Aug 2017

- Implemented an Analytics and Tracking framework in Elixir to track and record user activity over a social network for influencers. The data collected is then posted to a cloud monitoring service.

Broadridge Inc.

Software Engineer

Feb 2014 - July 2016

- Built an Order Management System to trade on the Istanbul bourse. Implemented a market data handling system to manage user subscriptions for stocks and publish tick-by-tick updates.

==== PATENTS

US Patent #11,481,201

Integrated Development Environment for Developing and Compiling Query Language Schemas for Application Program Interfaces: An open-sourced JVM based GraphQL parser for compile-time tooling.

==== EDUCATION

Rochester Institute of Technology

Master of Science in Computer Science

2016 - 2019

University of Mumbai

