

Brian James Quinn

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EDUCATION

NEW YORK UNIVERSITY

B.S. COMPUTER SCIENCE

Polytechnic School of Engineering

INTEGRATIONS

THIRD PARTY INTEGRATIONS

PAYMENT PROCESSORS

Stripe

Braintree

Modern Treasury

ACHQ

SVB

Orum

VERIFICATION PROVIDERS

Plaid

LOAN ORIGATION/MANAGEMENT SYSTEMS

Loanpro

Digifi

LENDING MARKETPLACES

LendingTree

MyAutoLoan

Solera

Westlake

SKILLS

PROGRAMMING

LANGUAGES

Go

TS/JS

C/C++

Java

Python

SQL

TECHNOLOGIES

Serverless

Docker

Kubernetes

PubSub

Redis

AWS/GCP

EXPERIENCE

TENET | DIRECTOR OF ENGINEERING / STAFF SOFTWARE ENGINEER

Remote

- Rearchitected all data models in the database starting day 1 of joining the company.
- Designed the architecture of the entire platform, separating technological services to reflect their business domains.
- Derisked the company from existential failure by interfacing our integrations. This allowed me to migrate our entire banking infrastructure over a single weekend during the SVB collapse resulting in 0 downtime for servicing loans and payments.
- Delivered key partnerships that were critical to the successful funding of our Series A.
- Implemented process on the executive level to increase company efficiency/outcomes. Created PRD, vendor analysis, etc templates to make data driven decisions about what projects to pursue.
- Led the engineering organization to deliver on key objectives required to secure a partnership with the US Department of Energy.

BREAD | SENIOR SOFTWARE ENGINEER – PAYMENTS

Remote

- Designed and built a microservice that processes all payments through the Bread platform (roughly \$1 million worth of payments per day).
- Integrated multiple third party providers to verify bank information and provide multiple different ways to process payments (Braintree, Stripe, Flinks, Giact, RBC, SVB, NACHA).
- Collaborated cross-functionally to provide an API to process payments across multiple other microservices.
- Primary owner/designer/programmer of multiple other microservices: payments, payments_jobs, debt_consolidation, debt_consolidation_jobs, collections, collections_jobs, airflow_dags.
- Engineered multiple successful A/B test experiments driving revenue through increasing conversion rates.
- Implemented texting functionality throughout our system which drove a 9% increase in take rate along with a 12% increase in conversion rate. Results were statistically significant. (p-value < .01)
- Company sold for ~1/2 billion dollars.

DAILYMOTION | SOFTWARE ENGINEER

New York, NY

- Developed features on a distributed adserver which runs a networked auction in 200 ms.
- Redesigned, refactored, developed, and maintained the infrastructure for the automation framework.

AMAZON WEB SERVICES | SOFTWARE DEVELOPMENT ENGINEER INTERN

Seattle, WA

- Processed/moved petabytes of archive data from the Glacier architecture onto S3 via a multithreaded process.
- Verified the integrity of the moved data, queued failures for retry, and tracked performance metrics via a subsequent multithreaded process.