# Jacob Meyers

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## Experience

| **Software Engineer** | **Netflix** | **August 2023 – Present** |
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*Infrastructure API team; Network Services and Insights team*

- Drove development of Netflix's DNS strategy for the next 12 months.
- Built low-level DNS abstractions on top of Netflix's in-house federated infrastructure platform which will ultimately be used to build higher-order abstractions, consolidating and simplifying the DNS experience at Netflix.
- Helped drive migration of public DNS zones off of legacy vendors to AWS Route53. We migrated > 1 million queries per minute of volume with zero downtime/incidents. The migration saves Netflix $1,000,000 per year.

| **Software Engineer** | **Stripe** | **March 2022 – August 2023** |
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*Fleet Management team*

- Member of Fleet Management team in Core Infra group, responsible for core services that manage Stripe's EC2 fleet.
- Contributed to golang rewrite of AWS lambda responsible for the uptime of Stripe's EC2 instances. The new implementation manages the uptime of > 20,000 instances.
- Designed and implemented improved EC2 instance termination scheduling algorithm to keep more of Stripe's fleet in compliance.
- Contributed to productionization of in-house service used for serving metadata of Stripe's EC2 fleet. Use cases include service discovery and serving health check results.

| **Software Engineer** | **Microsoft** | **July 2020 – March 2022** |
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*Microsoft Teams Calling, Meetings, and Devices team*

- Implemented and shipped client-side code for screensharing presenter modes in collaboration with two teammates, which sees around 100,000 uses per day.
- Designed and drove client-side implementation for key features for Teams VDI solution, including multi-window experience, background effects, and give/take control during screensharing. Many of these features are top customer blockers for migration from Skype for Business. Defined E2E designs in collaboration with internal and external partners.
- Designed, implemented, and supported various background effects features, including branded backgrounds, background blur for anonymous users, and separate backgrounds for consumer Teams.

## Education

| **Atlanta, GA** | **Georgia Institute of Technology** | **Fall 2016 – May 2020** |
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- Awarded Bachelor's of Science in Computer Science
- GPA: 3.70 / 4.0
- Teaching Assistant Fall 2017 - Spring 2020 (two semesters as Head Teaching Assistant)
- Accolades: Outstanding Undergraduate Teaching Assistant (2020), Dean's List (all semesters), Faculty Honors (Spring 2019, Spring 2020)
- Participated in two software engineering internships at Datamaxx and Visa.

## Technologies

- Golang, Javascript/Typescript, Python
- React, GraphQL, Angular, Kubernetes
- Amazon Web Services