

# Realizing Technical Strategy During Turbulent Times

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March 16, 2023

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Through my leadership experiences...



*I have a particular set of skills...*



Joined Jan 2020

# The only constant is change

TECH

**Netflix CEO Reed Hastings talked with an EU official about how to keep the internet running smoothly**

PUBLISHED WED, MAR 18 2020 4:47 PM EDT

Is Netflix having its own Blockbuster moment?

A variety of unpopular decisions threaten to turn the streaming service into the bad guy it once dethroned.

In a short 3 years

N



Leading is *identifying and relieving* the *pressure* change creates



API Systems manages ~~5~~ 4 generations,  
spanning 15 years of API Stacks at Netflix

Consumer and Enterprise, Scale in requests (1M+ rps), teams (100s) and  
schema complexity (2k+ queries, 7k+ types) and age

# Backing up... Why & What of “API 2023”

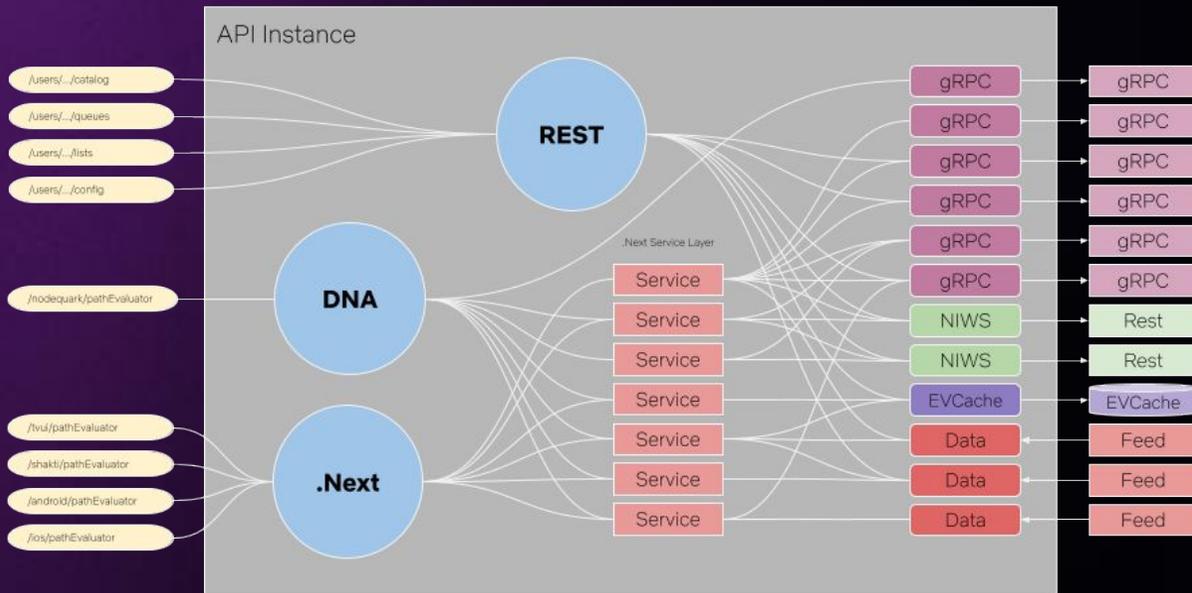


*API Systems is an engine for **leverage** and innovation enablement at Netflix*

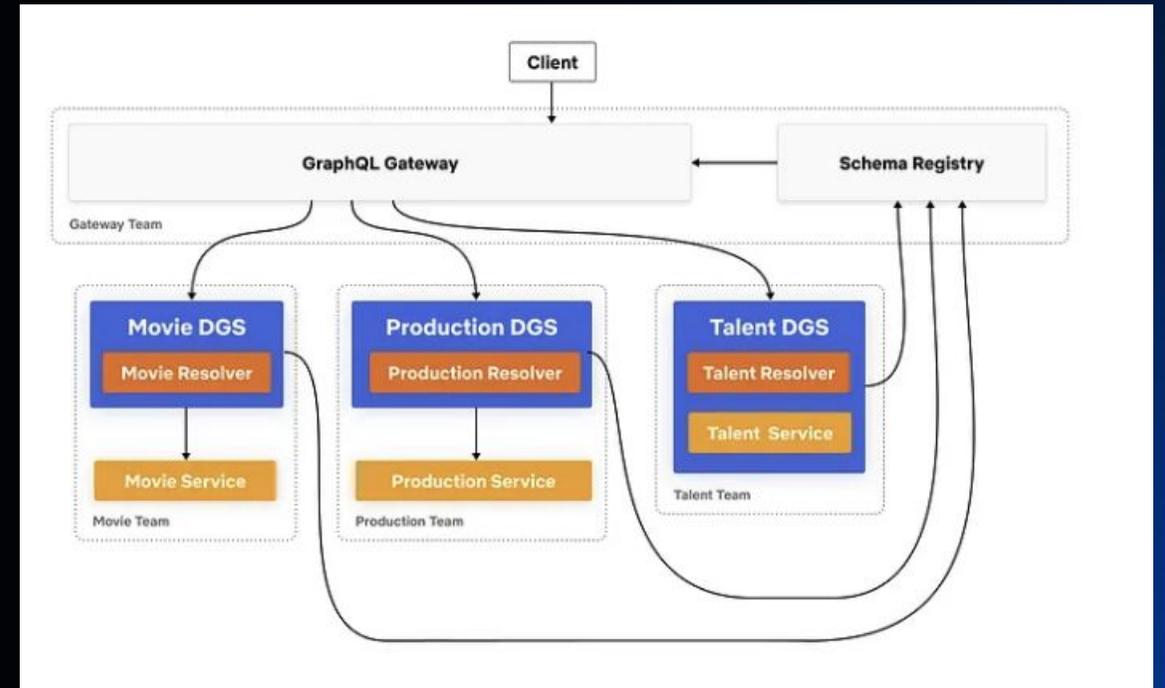
Strat Bets: **reduce** (tech debt), **adopt** (new tech) and **scale** (ourselves)

# Technical Pressures

Consumer API Monolith (12+ years)

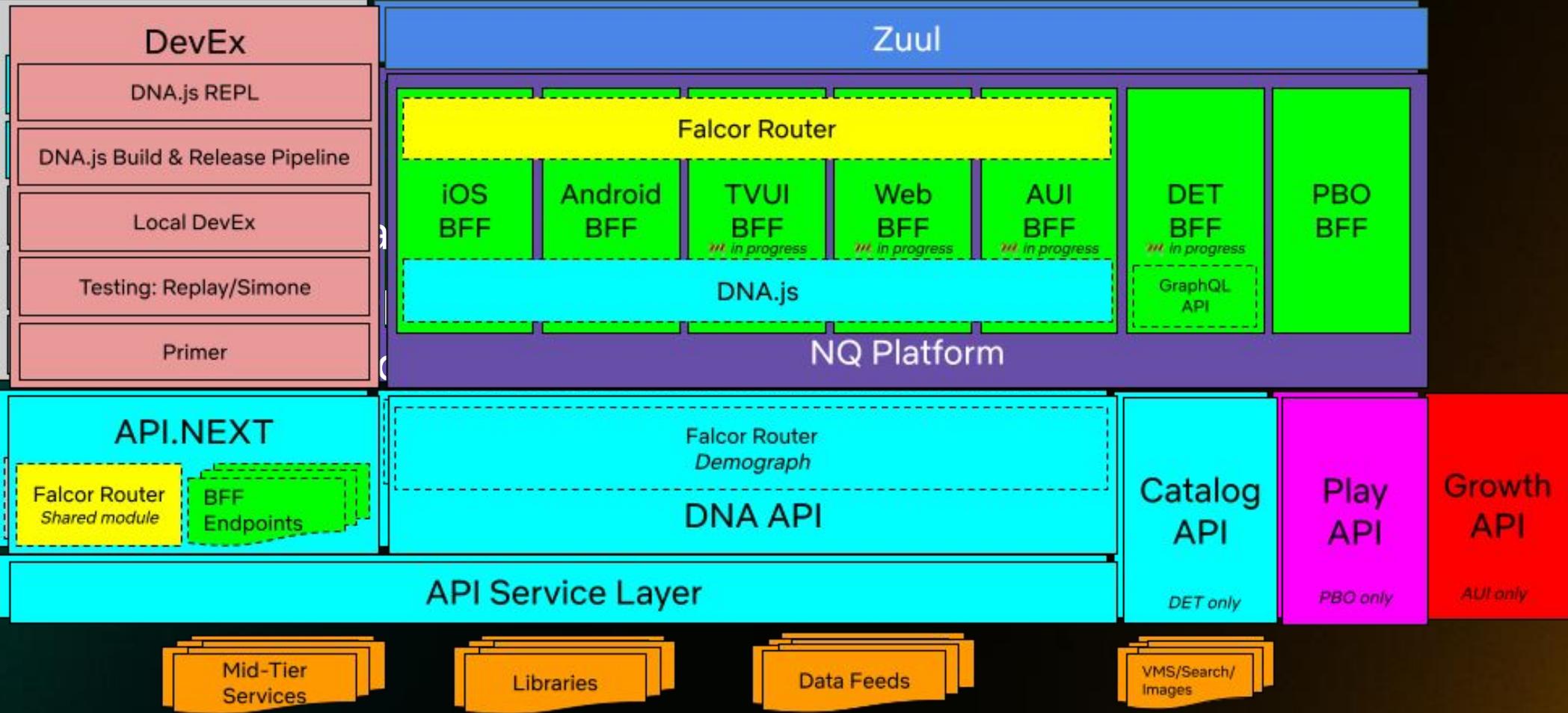


Studio Edge

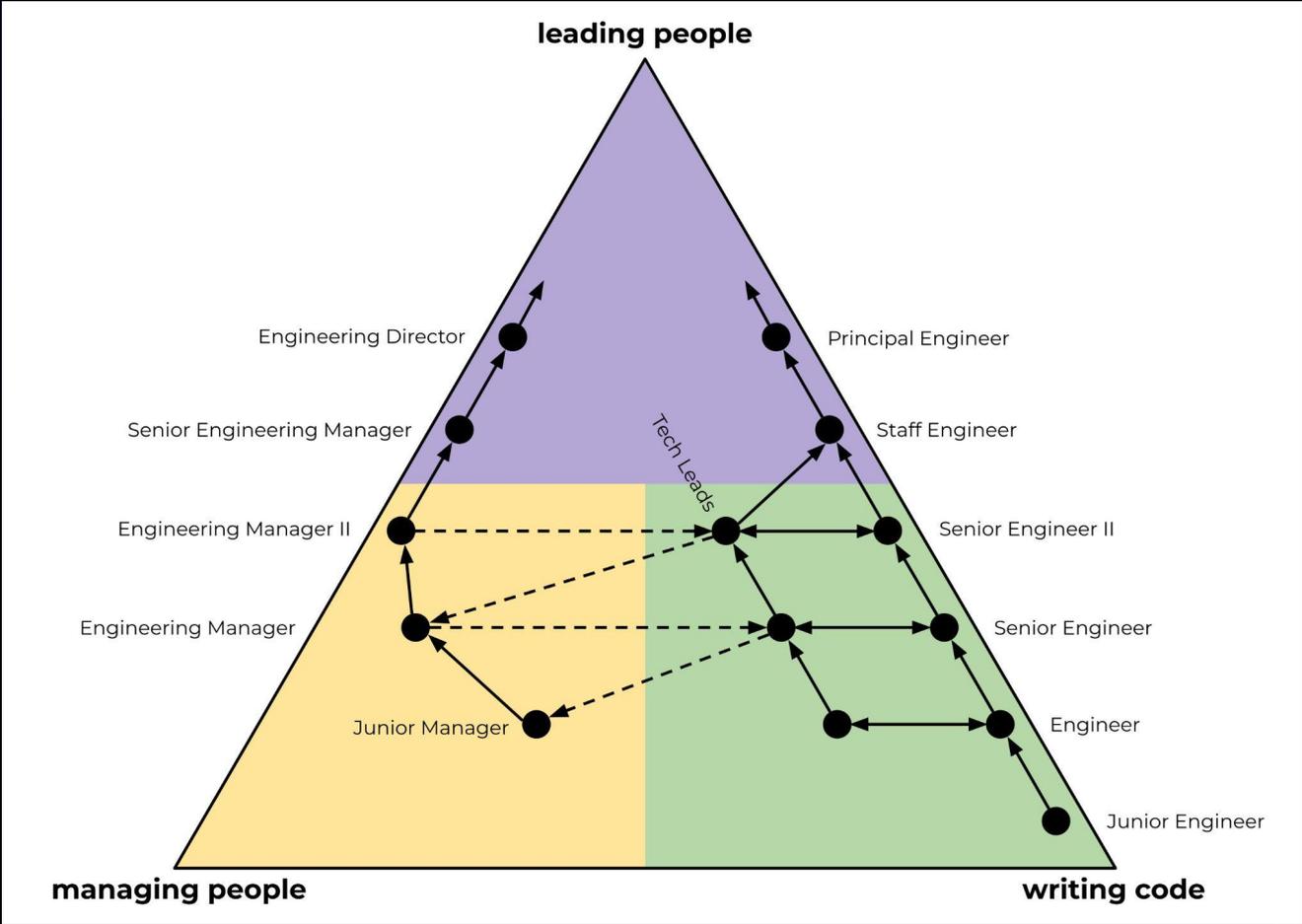


# Organizational Pressures

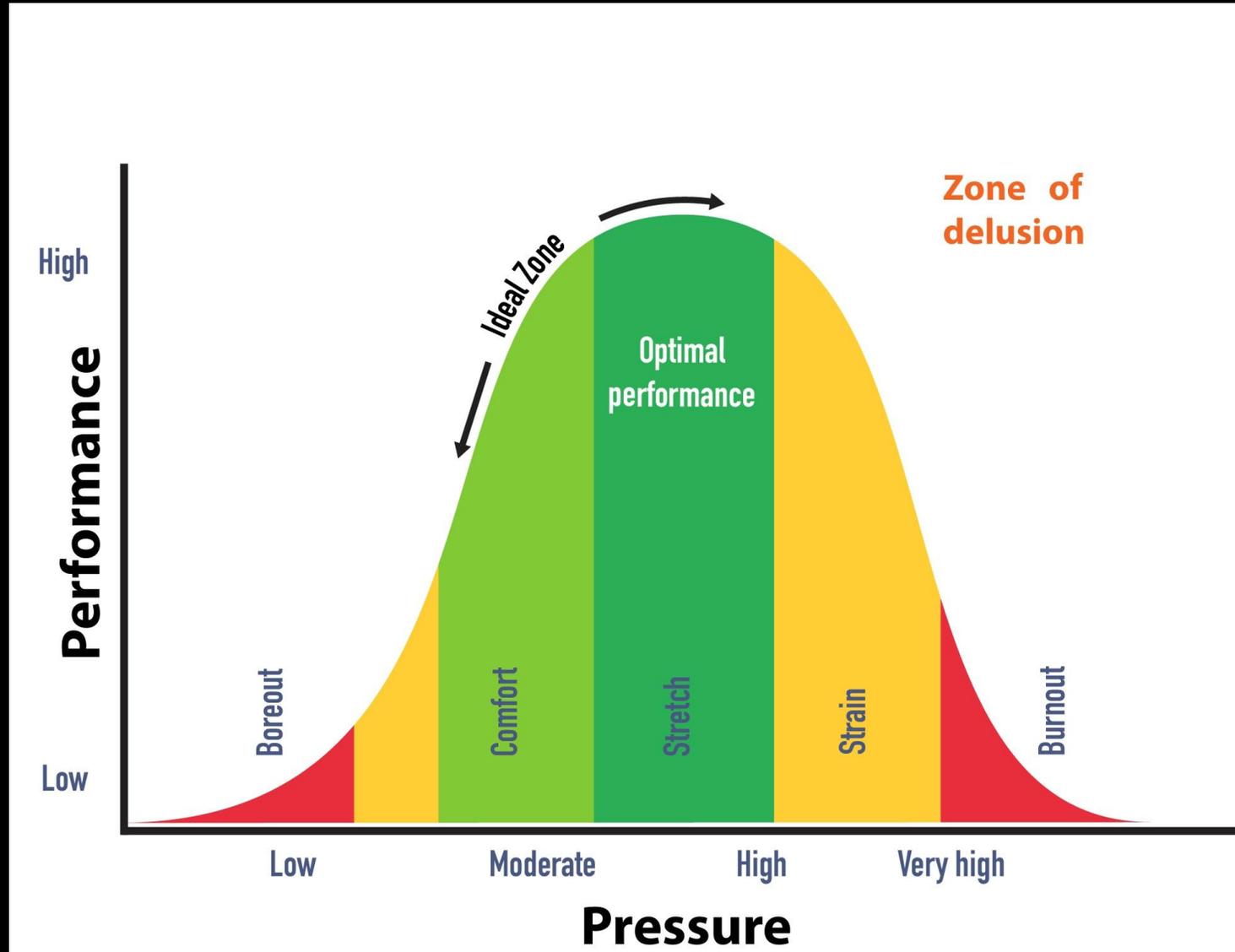
Circa Feb 2020



# People Pressures



# Personal Pressures





*Can **change** unlock your technical strategy?*

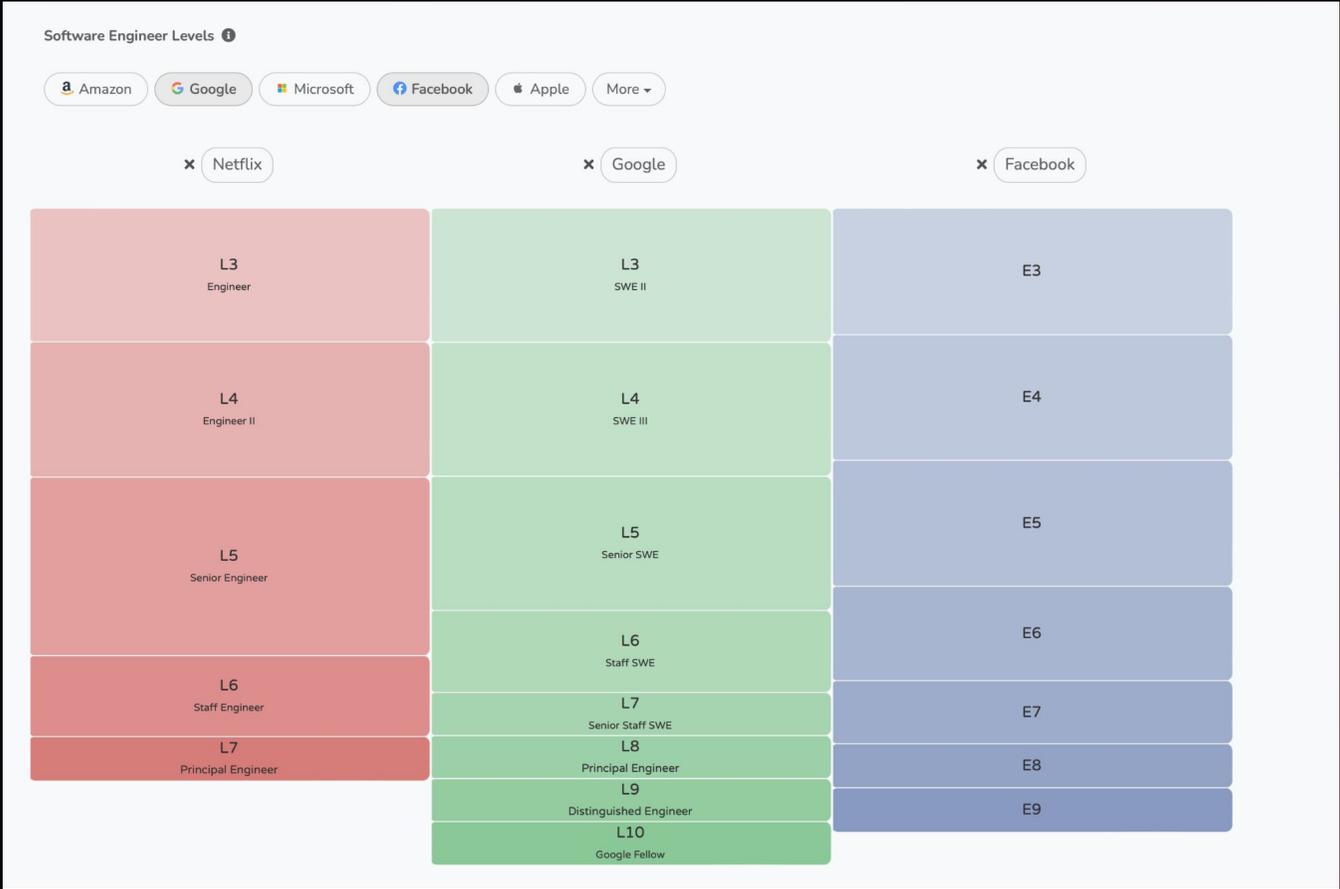


# Thank You

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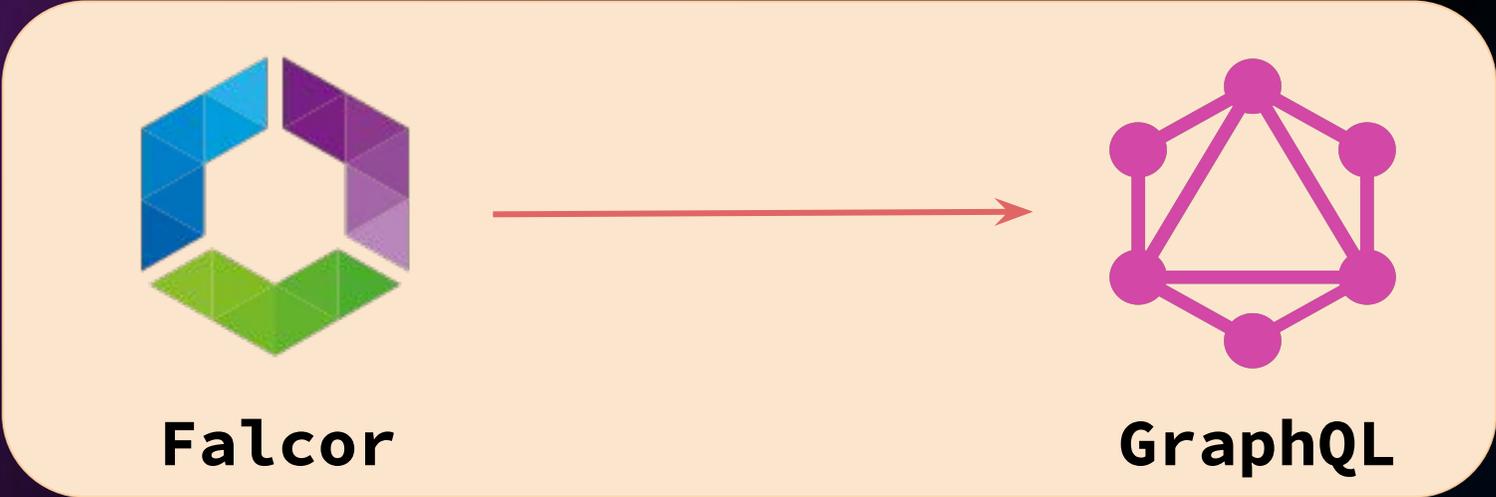


# People Pressures

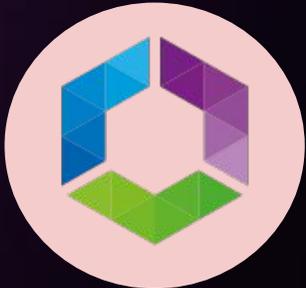




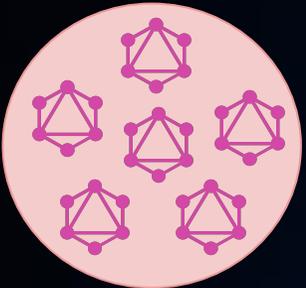
# Technical Pressures



UI/Backend



Monolith



Federated

Backend

# Personal Pressures





*Can **change** unlock your technical strategy?*