Arjun Srinivasan

Software Engineer

CONTACT

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arjunsrinivasan.dev

EDUCATION

Bachelor of Arts - Computer Science
University of California - Berkeley
2016 - 2019

KEY LANGUAGES

JavaScript ●●●●●
Python ●●●●●
Java ●●●●●
SQL ●●●●●
Go ●●●●○
C++ ●●●●○

KEY TECHNOLOGIES

- Node
- Next.js
- React
- Angular
- GraphQL
- SpringBoot
- Tailwind CSS
- AWS

PROFESSIONAL EXPERIENCE

Software Engineer – Meta
Jan. 2024 – Present

- Designed and implemented multiple systems to support the deployment of end-to-end encrypted messaging on both Messenger and Instagram.
- Enhanced telemetry collection and improved automated processing and categorization of reported bugs, resulting in a 30% reduction in average bug resolution time.

Software Development Engineer – Amazon Prime Video
Mar. 2021 – Jan. 2024

- Developed a system that could automatically resolve live stream errors, reducing overall issue volume by 20%.
- Implemented a system that analyzed current issues and recommended solutions based on how similar issues were solved in the past, reducing staffing needs for live events by 35%.

Data Engineer – TrueCar
Nov. 2020 – Mar. 2021

- Developed an entirely new data pipeline that facilitated the processing of thousavands of new records per day for Ford and Acura vehicles.
- Optimized algorithm for processing new car data, reducing overall execution time by 20%.

Backend Software Engineer – Deliverr
Mar. 2020 – Sept. 2020

- Reduced cost of orders by 25% implementing a solution that allowed for groups of orders to have lower on time delivery targets based on where the order originated.
- Lowered inventory receiving errors by 15% by developing an API that made critical information on shipping labels more visible.

PERSONAL PROJECTS

- Developed an interactive Alexa Skill that tests users' knowledge of trivia and learned topic preferences
  - Skill was recognized by Amazon as a top performing app in the Alexa Skills Store.
- Implemented a WebGL fluid simulator based on Navier-Stokes equations that allowed users to control density and velocity of the fluid