

Hina Jajoo

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Software Engineer with 12 years of Backend Engineering experience building highly scalable, product-focused platforms that solve real user problems

WORK EXPERIENCE

Meta

New York • 01/2024 – Present

Senior Software Engineer

AI Infrastructure – Efficiency Team

- Increased Training QPS of 100s of models by > 50% by running Data Driven Experiments and automating the infrastructure to apply the best optimization techniques for a model
- Built customized Inference Optimization tooling for Llama3 inference team to help reduce inference latency and serving costs to under 1\$ per million tokens
- Built tooling to provide actionable insights to use GPU memory more efficiently – reduced training failure rate due to OOM errors by 2%.
- Technologies: Python, PyTorch, Kineto, CUDA, Triton

Lyft

New York • 09/2019 – 01/2024

Staff Software Engineer

Mapping – Places Platform

- Led a team of 8 engineers to build and enhance Lyft's Place Search solution. Created a scalable pipeline to surface and create Missing Places and fix Places with incorrect coordinates, thereby reducing turnaround time from several weeks to 2 days. Reduced vendor costs by 70%.
- Led a team of 6 engineers to build a solution that optimizes pickup and dropoff locations for all Lyft Rides. Decreased Hike Distance by 10%, reduced wasted Driver time by an avg of 2 mins, and decreased Post Arrival Cancels by 2%.
- Technologies: Python, Golang, DynamoDB, AuroraDB, Flyte, Redis, Elasticsearch, AWS.

Bloomberg

04/2018 – 09/2019

Senior Software Engineer

- Developed cloud-first SFTP solution and NGINX-based API Gateway

Cisco Systems

08/2013 – 12/2017

Senior Software Engineer

- Scaled ARP service 4x and added HA support for critical gateway services.

EDUCATION

MS in Information Systems

BITS Pilani

01/2009 – 12/2013

SKILLS

Python, Golang, C++, DynamoDB, NoSQL, Auroradb, Spark, API Design, Microservices