

Grivan Thapar

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Curiosity driven software engineer with a continuous learning mindset. Over 8 years of industry experience building and shipping technology products in multiple domains.

Experience

Amazon

October 2019 - Current

Senior Software Developer

Seattle, WA

- First year at Amazon, took full technical ownership of launching retail promotions program in 4 new upcoming countries. Worked to understand existing technical systems and constraints, developed a launch plan based on requirements and contributed code individually.
- Moved internally and shifted focus towards developing a large scale prediction distribution system. The system fits between data science and forecast consumer teams helping optimize Amazon's core retail supply chain.

Hulu

March 2019 - September 2019

Senior Software Development Lead

Santa Monica, CA

Team lead for four individual contributors powering Hulu's core catalog platform.

- Team operated services owning ingestion, rights management, storage, and operational tooling for catalog (availability) data.
- Developed documentation and conducted agile ceremonies.
- Conducted a thorough build vs buy evaluation for a tool needed to manage content availability for Hulu originals.
- Conducted annual reviews and championed an individual contributor's promotion to senior.

Hulu

February 2016 - March 2019

Senior Software Developer

Santa Monica, CA

Individual contributor on the Hulu's content metadata ingestion platform.

- Maintained live metadata ingestion service that automated external metadata ingestion through many partner file formats and APIs to ingest live metadata into Hulu systems.
- Focused on improving live linear metadata ingestion latency from partner APIs to Hulu Platform
- Identified and fixed several relational database performance issues on the live metadata ingestion service.
- Improved speed of execution of the content availability calculation algorithm from 30+ minutes to <1 minute per run.

Rovolt Entertainment

April 2012 - July 2014

iOS Engineer

Gurgaon, India

Hired, mentored, and led an India based team of seven developers to deliver iOS engineering for a Silicon Valley startup (Kidaptive). App reached > 500k installs and was featured on the App Store.

Ciena

July 2011 - April 2012

Software Engineer

Gurgaon, India

Worked on enterprise optical networking management software. Updated a bridge over NBI (North Bound Interface) module which supplied network operation data from physical switches. Improved the module's data import time by 3x.

Google

Google Summer of Code 2010 and 2011

Contract Developer

Served as developer for mathematical model solver, ASCEND. Prototyped strategies for improving the model's solving process using a flow sheet modeler built in Python.

Education

University of Washington

June 2020 - November 2020

Certificate in Machine Learning

Seattle, WA

Carnegie Mellon University

August 2014 - December 2015

Masters in Software Engineering

Mountain View, CA

Netaji Subhas Institute of Technology

August 2007 - July 2011

Bachelors in Control Engineering

Delhi, India