

# Grivan Thapar

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Curiosity driven software engineer with a continuous learning mindset. Over 9 years of progressive industry experience building and operating business critical systems.

## Experience

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### Amazon

October 2019 - Current

Senior Software Developer

Seattle, WA

Senior engineer on the Amazon Forecasting Platform that generates demand forecasts for millions of products sold on Amazon.

- Own and operate synchronous and batch APIs serving traffic to 90+ internal client services.
- Drive multi-month projects, from requirement gathering, solution design, and implementation.
- Identify and solve performance bottlenecks, evaluate technologies for big data processing, mentor junior engineers.

### 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

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### 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