Grivan Thapar

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Senior engineer with experience building and shipping technology products in multiple domains. Specialities include microservices based backend development, data ingestion pipelines, and data modelling.

Experience

Amazon   **October 2019 - Current**
Senior Software Developer   *Seattle, WA*
Decided to resume individual contributor career track and joined International Technologies group at Amazon.
o Engaged with several consumer technology teams to roll out Amazon retail promotions program to 4 new countries.
o As a senior leader on the team, instituted once-a-month team retrospectives to identify development practice improvements.

Hulu   **March 2019 - September 2019**
Senior Software Development Lead   *Santa Monica, CA*
Team lead for four individual contributors powering Hulu's core catalog platform.
o Operated several microservices owning ingestion, rights management, and operational tooling for catalog data.
o Helped set engineering best practices and conducted agile ceremonies.
o Conducted a thorough buy vs build evaluation for a tool needed to manage content availability for Hulu originals.
o 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.
o Rewrote core of the asynchronous metadata ingestion system to be horizontally scalable and fault tolerant.
o Identified and fixed several relational database-related performance issues on the ingestion service.
o Improved speed of execution of the content availability calculation algorithm from 30+ minutes to <1 minute per run.

Rovolt Entertainment   **April 2012 - July 2014**
Founding Engineer   *Gurgaon, India*
Hired, mentored, and led an offshore 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

Carnegie Mellon University   **August 2014 - December 2015**
Masters in Software Engineering   *Mountain View, CA*
Coursework: Cloud Computing, Foundations of Software Management, Service Oriented Computing, Foundations of Software Engineering, Software Verification and Validation, Mobile Security

Netaji Subhas Institute of Technology   **August 2007 - July 2011**
Bachelors in Control Engineering   *Delhi, India*

Interests

I enjoy mentoring, photography, and keeping fit via running and cycling. Most recently, I mentored a middle school student, Rocio, on career exploration and technology for a semester in the Spark Program, LA.