Grivan Thapar

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Technical lead with over a decade of broad industry experience building and operating business critical systems.

Experience

Amazon   **Oct 2019 - Current**
Senior Software Developer   *Seattle, WA*
Technical lead in Forecasting at Amazon Supply Chain Optimization Technology (SCOT).
○ Develop and operate low latency forecasting software services in the critical path of Amazon's supply chain.
○ Develop technical vision document aligning business objectives and staged system modernization.
○ Develop high performance code for state-of-the-art statistical models to improve forecast accuracy.
○ Drive strategic long term projects, from requirement gathering, solution design, to implementation and operations.
○ Write and review design documents, promote strong engineering practices, code and mentor junior engineers.

Hulu   **Feb 2016 - Sep 2019**
Senior Software Developer / Lead   *Santa Monica, CA*
Team lead for four individual contributors powering Hulu's core metadata platform.
○ Managed a team owning data ingestion, rights management, storage, and operational tooling for video metadata.
○ Develop software services automating data ingestion through a heterogeneous set of partner interfaces.
○ Focused on improving live video metadata ingestion latency and quality.
○ Conducted annual reviews, championing an individual contributor's promotion to senior.
○ Goto developer in the team on dealing with system performance and scalability issues.

Rovolt Entertainment   **Apr 2012 - Jul 2014**
Engineer   *Gurgaon, India*
iOS and game development lead.
○ Hired, mentored, led an India based team of seven iOS developers to deliver interactive educational games.
○ Apps reached > 500k installs and was featured on the App Store.

Ciena   **Jul 2011 - Apr 2012**
Software Engineer   *Gurgaon, India*
○ Worked on enterprise grade 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**
Software Intern
○ Developer for an open source, mathematical modelling chemical process modelling system.
○ Prototyped strategies for improving the model's solving process using a flow sheet modeler built in Python.

Education

University of Washington   **Jun 2020 - Nov 2020**
Certificate in Machine Learning   *Seattle, WA*

Carnegie Mellon University   **2014 - 2015**
Masters in Software Engineering   *Mountain View, CA*

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