ABHISHEK PATHAK

Senior Software Engineer | Technical Leader

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Experience

Deep Learning Engineer

distributed systems java python

Skymind (YC W16) | San Francisco / Remote   2017 - present

- Owner of the jobs platform which enables distributed training/inference of models in the cloud (supports AWS, Azure and GCP).
- Full-stack lead for the flagship product, SKIL.

SDE-2

scalability ML engineering java

Flipkart | Bangalore   2015 - 2017

- Built a supply forecasting platform to predict traffic across user cohorts, processing ~ 1TB/day.
- Built the advertising backend and scaled its web services to handle > 1000 QPS peak loads.

Team Lead

data engineering python

Goibibo | Bangalore   2011 - 2015

- Started and subsequently led the data engineering team, processing ~ 4m events per day.
- Set up automated, (near) real time accounting and auditing across the organisation.
- Owner of the audience targeting and flight fare prediction services.
- Owner of Wuphf (an in-house anomaly detector) and Gandalf (an in-house analytics tool).

Open Source Projects

- Recommender: A simple ALS-based movie recommender. Uses Spark ML + Movielens dataset.
- Harmony: A music player integrating with multiple sources. Built using Go + React.
- Asyncio-job-queue : A basic task queue built on top of Python's asyncio framework.

Education

Indian Institute of Technology, Kanpur   B.Tech (Aerospace Engineering)   2010