

# ABHISHEK PATHAK

Senior/Lead Software Engineer

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## Experience

### Deep Learning Engineer

[distributed systems](#) [java](#) [python](#) [typescript](#)

Skymind Inc. | AI

Remote | Nov 2017 - present

- Developed a jobs platform that runs distributed training/inference across cloud services (AWS, Azure, Google Cloud).
- Redesigned the existing object detection APIs for extensibility via user-uploaded plugins.

### SDE-3

[async services](#) [integrations](#) [python](#)

Loanzen Inc. | FinTech

Remote | May 2017 - Oct 2017

- Developed an inventory management portal, integrating with external services like banks and Govt data providers.
- Designed a centralised financial platform to process (and audit) all business transactions.

### SDE-2

[scalability](#) [java](#) [REST](#)

Flipkart | Advertising Platform

Bangalore, India | Mar 2015 - Apr 2017

- Developed a forecasting platform for predicting traffic across user segments, processing > 1TB/day.
- Developed a campaign management platform, with web services handling > 1000 QPS.

### Team Lead

[data engineering](#) [platformization](#) [python](#)

Goibibo | Data Platform

Bangalore, India | Jan 2011 - Feb 2015

- Set up data pipelines using Hadoop, RDBMS and NoSQL, processing > 4m events per day.
- Set up automated, (near) real time accounting and auditing across the organisation.
- Owned Wuphf, an intelligent real-time alerting and forecasting service.
- Owned Gandalf, an in-house analytics/BI tool.
- Owned the audience targeting and flight fare prediction services.

### Open Source

[full-stack](#) [react](#) [golang](#)

Personal music player

Hobby project | May 2015 - Oct-2017

- Developed a music player that leverages multiple providers for music, metadata and discovery.
- Dynamic web app interacting RESTfully with a lean backend. Hosted on [Github](#) and [Heroku](#).

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## Education

Indian Institute of Technology, Kanpur

B.Tech (Aerospace Engineering)

2010

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