



# Pranay Dipak Chandekar

## Product Development Engineer II

ML Engineer with 3.5 years of experience in leading the development and design of large scale recommendation engines using Agile in a fast paced environment. Leveraged RL to reduce the time to production by 28%. Overhauled the POD and BBR engine projects resulting in 55.34% and 48.77% CAGR of the conversion to user engagement ratio respectively. Certified in Data-Driven Decision Making and Deep Learning. Active Open-source contributor. Contributing writer for Towards Data Science and Analytics Vidhya on Medium.

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## WORK EXPERIENCE

### Product Development Engineer II Phenom People

07/2020 - Present

Remote

The World's Leading Talent Experience Management Platform

- Leveraged Reinforcement Learning to design a framework for dynamic traffic diversion reducing the time to production by 28%.
- Led the projects on upgrading AI Infrastructure resulting in 20% increased efficiency. Conducted an organization level workshop on 'Cloud Services for ML'. Introduced MLOps tools such as AWS SageMaker, Kubeflow and MLFlow.

### Product Machine Learning Engineer I Phenom People

06/2017 - 07/2020

Hyderabad, India

The World's Leading Talent Experience Management Platform

- A successful tenure as the core member of ML Team and the single point of contact for Internal Mobility product which involved managing and prioritizing various requirements in a fast-paced environment.
- Led the Personalization On Demand(POD) and the Browser-Based Recommendations(BBR) engine enhancement project, resulting in 55.34% and 48.77% CAGR of the conversions to user engagement ratio.
- Defined usability cum business metrics for all the 20 features provided by the ML team for Internal Mobility to target enhancements that can contribute most to the OKR.
- Developed an ML model, with an F1 score of 0.834, to predict the minimum number of years of experience required for a job posting. This project has enabled enhancements for 7 ML-driven widgets across 3 major products.

### Open Source Developer Open Source Community

06/2019 - Present

- Flair, an open-source NLP framework, lacked support for the fasttext out of vocabulary(OOV) word embeddings till release 0.4.2. Added the required support along with the documentation now available in release 0.4.3. [🔗](#)
- Open-sourced a template project to train custom Keras Machine Learning algorithms on GPU in AWS SageMaker. [🔗](#)
- Open-sourced a template project to host ML Prediction as a RESTful Web Service on Docker Engine using FastAPI. [🔗](#)

## EDUCATION

### M.Sc.(Hons.) Physics + B.E.(Hons.) EEE BITS Pilani

08/2012 - 08/2017

7.83

## SKILLS

Team Work

Leadership

Critical Thinking

Problem Solving

Python

NLP

Machine Learning

Deep Learning

PyTorch

Kafka

Java

ElasticSearch

MongoDB

Redis

MLFlow

Kubernetes

Kubeflow

Effective Communication

MS Excel

Data Collection

## CERTIFICATES

### Deep Learning Specialization (03/2018 - Present) [🔗](#)

Covered topics including but not limited to Neural Networks, Transfer Learning, Multi-Task Learning, Evaluation Metrics, CNN, RNN, NLP.

### Data-driven Decision Making (09/2019 - Present) [🔗](#)

Data-driven Decision Making by PwC on Coursera.

## LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

Marathi

Native or Bilingual Proficiency

## INTERESTS

Reading

Writing

Mentoring