

PRAKHAR PATIDAR

Data Scientist with Software development skills - Currently with Nymo.ai (Ex IBMer)

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INDUSTRIES EXPERIENCE

- Having around 4 years of industries (IBM 3 years Nymo.ai 1 year) experience in data science products and software service development. Proficient in ML, computer vision and service integration techniques. Hands on experience of various object oriented languages and big data technologies. Lead an E2E product development cycle. Highly dedicated for software quality, debugging and testing and adding value to business. Looking forward to use my experience for software development and continuous learning from the organisation.

PROJECTS

Video Management System powered by computer vision

Dec 2019 - Apr 2020

Nymo.ai - Data Scientist

- Architect and senior developer of this product. This product streams live and analysed video frames of IP cameras to web browser. Part of Data science team to capture frame and detect various object in real time. Developed several standard VMS features e.g. camera live view, playback etc.
- Tensor flow, YOLO, Dlib, python, Nodejs, Nginx, RPC, MongoDB, Docker, Docker-compose, Swarm, AWS, IP Cameras, WEBRTC, Real time streaming, RTSP, Flask, Express - nodejs

Training Management System

Aug 2019 - Nov 2020

Nymo.ai - Data Scientist

- A web based product to provide training data (mostly images and videos) to deep learning algorithm. Data can be transformed and annotated using the product to best fit the algorithms. Part of back-end data science and integration team. Data was used to recognize people and train custom objects models.
- Tensor flow, YOLO, Dlib, python, FFMPEG, Nodejs, Nginx, MongoDB, Docker, Docker-compose, EC2, S3, IP Cameras, Real time streaming, RTSP, Flask, Express - nodejs

Documents processing pipeline

Nov 2018 - Jul 2019

IBM India - Data Scientist

- This product helps end user to take better and quick decisions by providing insights extracted from companies annual pdf and text reports by applying OCR, text classification and cognitive digitization process. Part of orchestration pipeline (distributed system) and classification service teams to develop E2E pipeline which is efficient and scalable.
- Java, Spring boot, Apache Kafka, SQL Server, Python, Spacy

Centralized Database Management

May 2018 - Oct 2018

IBM India - Data Scientist

- Centralized facade over MS SQL server and exposed services via Restful API's. API consumed by many other micro services.
- Java, Spring boot, Design patterns, MS SQL, Indexing and Sharding, Restful Architecture, Hibernate, ORM

Customer feedback processing

Jan 2018 - Apr 2018

IBM India - Data Scientist

- Development of web based application to get feedback from an automobile client's customer. Part of classification team to clean the feedback text and classify in one of the pre-defined category. Respective team were notified and suggestion give based on category.
- Python, spacy, text classification, IBM Content classification, IBM Watson content analytics

Competitive marketing Analysis and Dashboards

Aug 2016 - Dec 2017

IBM India - Data Scientist

- Developed RESTful services and frontend dashboards for Petroleum industries data extracted from various unstructured data sources. These dashboards shows how their competitor are doing in the market by comparing many KPI. KPI are extracted from companies Annual reports, news and web cralwer.
 - Java, jersey, Java script, Reactjs, Python, IBM Watson content analytic and explorer, web scrapper, NLP, Spacy, IBM DB2, Highchart
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EDUCATION

M.Tech in Electric Drive and power electronics, IIT Roorkee

Project: Design and development of rooftop solar system

📅 2014 – 2016

📍 IIT, Roorkee, CGPA: 7.9

B.E. in Electrical Engineering

78.6%

📅 2010 – 2014

📍 MBM Jodhpur

SSC(12th)

87.238%

📅 2008

📍 JDPS Kota

AREA OF INTEREST

Data science

Machine learning

Deep learning

Image processing

AI Developer

Integration techniques

Software architecture

TECHNICAL SKILLS

Problem Solving

Competitive Coding

Design Patterns

Data structures and Algorithms

Software test cases

Motivator & Leader

PERSONAL SKILLS

Guitar

Flute

Travelling

Communication

Cooking

LANGUAGES & FRAMEWORKS

Python

Java

Nodejs

Tensorflow

Kafka

Docker

Git

Pyspark

Spring boot

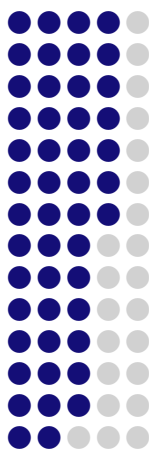
Jest & Pytest

Scikit-learn

Linux OS and scripting

Mongodb & SQL Server)

C & C++



CERTIFICATIONS

Big Data Analytics (10 Days training in IITR, DST)

Cross platform mobile app development (Cognizance)

