Naresh Rangan

ML / Data Engineer

ABOUT ME

Assistant Consultant with around 9 years of experience in ML and Data Engineering, with curiosity to learn exciting and emerging technologies.

✉ nareshr8@gmail.com

☎ +91 9940625088

🌐 nareshr8.github.io

in linkedin.com/in/nareshr8

github.com/nareshr8

EDUCATION

M.Tech in Software Systems
BITS Pilani (2013-2015)

B.Tech in Information Technology
Anna University (2007-2011)

HOBBIES

♪ 📖 🏃 🏐 🧶

SKILLS

Skill					
Python	●	●	●	●	●
PySpark	●	●	●	●	○
Databricks	●	●	●	○	○
Deep/Machine Learning	●	●	●	○	○

EXPERIENCE

Tata Consultancy Services (Nov 2011 – Present)

ML/Data Engineer (May 2018 - Present)

Projects: Sams Assortment Precision, Labels Bot (Sams / Walmart)

- Connecting with Stake Holders, Data Scientists, Application developers to understand the end to end flow
- Develop and optimise Machine Learning model runtimes
- Pipelining models that were developed using Azure Data Factory and Databricks
- Responsible for end to end delivery of Labels Bot project
- Provide result analysis to the end user in a clear consise way (Labels Bot)

Highlights:

- With providing insights on Labels Bot we found that out of sample 118 product labels , only 32 products were accurate, others had issue in labels which could have caused millions of dollars lose in revenue when sued.
- Worked on performance improvement on various ML modules such as Alpha Estimates, Optimisation and Forecasting to bring down from 7.5

Java Engineer (Feb 2015 – May 2018)

Projects: Sams Membership, Enterprise Inventory, PKP, Destination (Walmart / Internal)

- Involved in architecting and designing the Membership on Cloud project for Sams
- Developed Diagnostics Module end to end sigle handedly
- Lead Team of 10-12 people
- Communicated with front end and other modules teams for integration

Android Engineer (Nov 2011 – Feb 2015)

Projects: Internal applications, Century Link, Qantas Airlines, AC Nielsen, Vodafone Hutchison Australia

- Responsible for developing Android, Google Glass and Google Cardboard based applications

CERTIFICATIONS

Advanced Machine Learning with TensorFlow on Google Cloud Platform
Coursera (Nov 2019)

Deep Learning Specialisation
Coursera (Feb 2018)

Programming Mobile Applications for Android Handheld Systems
Coursera (May 2014)

ML BLOGS

Using TF-Records on Spark Cluster – Create and read TF-Records on Spark Cluster

Object Localisation – Identify the location of stamp in the image

Classical Dance Classification – Identify the specific classical dance of India from the image

HIGHLIGHTS

Contributor to Fast-AI – A Opensource ML library on top of PyTorch

Attended Technical Conferences / Meetups –Google IO 2016 and other meetups

Apps on Play Store – Have put 6 apps on play store

OTHER SKILLS

PyTorch   Tensor Flow   Pandas   Azure   Spring   Java   Android