JYOTI BOSE, **SOFTWARE ARCHITECT** & **DATA SCIENCE**

MY WORK LIFE: jjyotir.github.io

Organize, Visualize, Understand & Presage customer data.
Connect Business with AI & Machine Learning pipelines to expand on **Volume, Velocity** and **Variety.**

CONTACT

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💬 Github

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🌐 Linkedin

PROFILE

Experience of 13+ years in Software Design and Development.
Data Science with 7+ years of experience.
Primary Responsibility: Engineer Data Science MVP and Productionize, Presales.
Customers: COMCAST, SPRINT, ISRO, VMWARE, DELL.

SKILLS

- **MACHINE** LEARNING
- **DEEP** LEARNING
- **PYTHON** [PYTORCH, TF, KERAS]
- **BIGDATA** HADOOP, SPARK
- **CLOUD** AWS, GOOGLE, AZURE
- **NLP** AND **COMPUTER VISION**
- PLOTLY, PANDAS, SCIKIT
- **PIPELINE** [KAFKA, KUBERNETS, DOCKER, KIBANA, KUBEFLOW]
- TELECOM BSS/OSS
- **DEVOPS** & SRE
- NO **SQL** MONGO, CASSENDRA
- **IOT**

EXPERIENCE

Calsoft: **2019-Till Date**

Datacenter Analytics - Behavior Modeling based on statistical and machine learning techniques running on large set of telemetry data collected from iDRAC.

Telecom Edge Inferencing - Engineered Data Layer for Data Collection flow, Data transformation, ML Training, Deployment, Data Distribution and Edge Inferencing.

Arth Platform - Accelerates Productionization, Integration and Reuse of ML Models, ETL and Visualization for IOT, Machine Learning, Data Analytics projects.

Amdocs: **2009-2019**

Improve Customer Experience: Corelating data streams from Service Provider, Core network & Mobile Phone to understand Customer Experience Deterioration.

Nonnegative Learning for Data Clustering: Detect groups or clusters in various data set, Recommendation Systems, Market Segmentation and Price Elasticity.

Mobile usage to find fraud and financial health of customer.
Analyze data and provide the answer to whether a transaction and customer was genuine or fraudulent.
To create a set of rules that model customer's normal behavior and can be trained, using examples of fraud, to detect anomalies.

Telecom Projects: High/low level solution development on billing and mediation layer of BSS. Comcast new line of business where WIFI requests and IOT are first time served with the help of Amdocs Charging platform. Analyze, design and coordinate the development of software systems to form a basis for the solution of information processing problems.

CERTIFICATIONS

GOOGLE: ML and BIG DATA
INTEL: ML
COURSERA: ML
COURSERA: ML pipeline

EDUCATION

B.Tech : JUIT : 2003-2007 :

Electronics & Communication

Engineering

ISC: 2001 2002) St Dominic Savio

College

ICSE: (1999 2000) St Dominic Savio

College