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

**MY WORK LIFE:** ijyotir.github.io/myProfile/

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

## 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]
- TELECOM BSS/OSS
- **DEVOPS** & SRE
- NO **SQL** MONGO, CASSENDRA
- **IOT**

## 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

## PROFILE

Experience of 13+ years in Software Design and Development.
**Data Science** with 7+ years of experience.
**Primary Responsibility:** Implement Data Science POC and Presales.
**Customers:** COMCAST, SPRINT, ISRO, INTEL, VMWARE, DELL, TRIMBLE, ACCEDIAN, NIYO

## EXPERIENCE

### Calsoft: **2019-Till Date**

1. Best route recommendation and real time safety alerting.
2. Transfer learning and language modeling in Bugzilla.
3. Security and derivative recommendation using sentiment classification.
4. Solar cell defects detection.
5. Bank fraud detection and real time auth system.
6. Data center analytics and visualization.
7. Cloud application analytics using knowledge graphs.

### Amdocs: **2009-2019**

**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.