

EDUCATION

University of Southern California, Marshall School of Business
MBA, Analytics (GPA 3.9/4)

Los Angeles, CA
July 2014

National Institute of Technology
Bachelor of Technology (GPA 7.5/10)

Calicut, India
May 2006

LANGUAGES/MODULES/ALGORITHMS

- Python, C++, SQL, NoSQL(MongoDB), Spark, Git, Docker, AWS Cloud Computing.
- SciKit, NLTK, Pandas, Numpy, Scipy, Matplotlib, Seaborn, Tensorflow, Torch, Scrapy, Requests, Tesseract, OpenCV.
- Unsupervised:K-Means, PCA, CNN. Supervised:Naïve Bayes, SVM, Random Forrest, KNN, Regression.

EXPERIENCE

Matelabs
Machine Learning Engineer

Bangalore, India
April 2017-Present

- Developing convolutional neural network to enable computer vision based image curation tasks for fashion tech cataloging. The model will flag if a seller has uploaded a dirty/ torn/ fake/wrongly tagged dress. (Tensorflow, Jupyter Notebook, AWS)

Jumbotail.com (Nexus funded B2B marketplace for food and grocery)
Data Scientist

Bangalore, India
August 2016- Dec 2016

- Developed recommendation engine for the platform. Utilized K-means clustering for Item-Item recommendations and collaborative filtering for User-User based recommendations. (Amazon Redshift, SQL, Pandas, Scikit)
- Developed dashboards for key business and operations metrics and performed statistical analysis on effectiveness of process changes.(SQL, Scipy, Numpy, Matplotlib, Seaborn, ggplot)

Parcelled.in
Data Scientist

Bangalore, India
August 2015- May 2016

- Gathered customer feedback data and performed sentiment analysis on text and audio data. Developed Naïve Bayes, SVM, Random Forrest machine learning models based on tailored corpus of 5300 labeled data files.(Audio to text-SMU Sphinx, NLTK, Tweepy, SciKit, python, Jupyter Notebook, AWS EC2)
- Developed data pipeline from NoSQL database to provide CSV format data through Operations Console to data analysts, business and operations team. (MongoDB, AWS, Cron jobs)
- Naïve Bayes based A/B testing of product. Provided key recommendations to product team for capturing customer ratings.

Florida International University
Senior Data Analyst

Miami, FL
April 2014-Jan 2015

- ETL and Feature engineering of data collected from multiple counties in Florida. The process involved transforming data, performing multivariate analysis, chi-square statistic and designing and testing relevant hypotheses. (Pandas, Scipy, Tableau)

Southern Wines & Spirits
Data Analyst

Union City, CA
April 2014-Jan 2015

- Identified key business metrics for data analytics. Visualized dependencies among variables to optimize revenue, email opening rate and repeat order rate. (SQL, python, Selenium, Pandas, Matplotlib)

Engineers Training Center, Indian Army
Operations and Technical Training Officer (Major)

Bhopal, India
2006-2012

SIDE PROJECTS

- Picnic Health (SF): Auto tagging PDFs of Patient Health Records and Loading them to S3 (Tesseract,Python)
- Lets Venture (Bangalore): Developed data pipeline from social platforms (LinkedIn,Angellist) and Machine Learning Model for rating angel funded startups. (Requests, Pandas, Scrapy, Logistic Regression, MongoDB)