

Ramu Bommenahalli Shashidhara

Data Scientist | Machine Learning Engineer | AI Consultant

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Data Scientist with 4 years of experience executing data-driven solutions to increase efficiency and accuracy. Looking forward to obtaining an internship position to leverage model development experience and a strong understanding of research design, statistical analysis, hypothesis testing.

Skills

Programming

Python, Java, SQL, Scala, PySpark, C, C++

IDE and Tools

Jupyter Notebook, PowerBI, GitHub, MS Excel, and Pycharm, Anaconda

Cloud

Azure ml services, Azure power platform, Azure cognitive services, ADF

Web Frameworks

Flask, Falcon

Machine Learning

Statistical Modeling, Probability, Forecasting, Natural language Processing, Topic modeling, Time Series, Computer Vision, Deep Learning, Predictive Analytics, Data Visualization

Professional Experience

Data Scientist, Fragma Data Systems - Bangalore, India

03/2020 – 07/2021

- Increased average profitability on corporate products by 5% of a banking and finance client by applying business logic and leveraging one v/s all Binary classification approach
- Built recommender system to keep users engaged in social media platform for regional languages; incorporated multilingual Bert and Graph. used Azure Machine Learning Services to deploy and maintain pipeline, increasing customer engagement by 15%.
- Developed a deep-learning solution to automate verification of manually signed signature versus specimen signature collected by bank; custom architecture using CNN and OpenCV for processing; reduced 90% of manual efforts.
- Implemented cutting edge architecture "Arc-Face" deployed on edge devices with central DB; eliminated human intervention by 95%.
- Built predictive and descriptive analytics on Human Resource data for bank and presented results in interactive dashboards; used time-series, regression for predictions, and Power-BI for dashboards; eliminated the manual reporting by 100%.

Machine Learning Engineer,

09/2017 – 03/2020

Accenture, Innovation Hub - Hyderabad, India

- Built recommender engine to predict customer affinity towards multiple digital promotional channels. segmentation of customers powered by the affinity score generated by the recommendation engine.
- Clustered service tickets with unsupervised techniques to identify trends and new scope.
- Collaborated with UI UX and machine learning engineers to build stock predictions to reduce inventory management costs.
- Optimized technical support service system by implementing deduplication.
- Devised general-purpose text classification tool offering reusability.
- Designed chatbot closely coupled with SAP ecosystem to gather information from the user and automatically resolve service tickets.
- Built APIs which communicate with different systems and automate manual tasks.

Education

Syracuse University, Master's in computer science

08/2021 – 05/2023

Visvesvaraya Technological University,

Information Science and Engineering

07/2013 – 05/2017

Certificates

- Azure Data Scientist Associate
- Machine Learning -NPTEL