ASHWIN C
Mobile: +91-6379508752
E-mail: ashwinchellappan97@gmail.com
LinkedIn: www.linkedin.com/in/ashwinchellappan

Career Objective

- To work in challenging and motivating career in **Data Science** and **Machine Learning** in engineering field that provides an opportunity to work with the latest technology.
- Seeking a position in an organization, which would enable me to combine my technical expertise with analytical skills to aid in meeting company goals.

Professional Summary

Consultant, Capgemini Technologies	**Aug 2021 - Present**
Associate Consultant, Wipro Limited	**May 2018 - Aug 2021**

- **4.5 years** of experience as a business application developer. Worked on projects associated with the Financing domain with extensive knowledge. Bagged **Employee of the Month award** for doing best effort in project implementation.
- Domain Expertise – **Banking (Trade Finance and Corporate Finance).**
- A Strategic consultant with full stacking capability in analyzing client's business requirements and developing application based on the product life cycle and implementing them to end user.

Key Skills

- **Programming Skills**   : Python (Flask), Java
- **Machine Learning**   : Supervised Learning – Regression, Classification, Ensemble Techniques
                                        Unsupervised Learning- K-Means, Hierarchal Clustering, PCA, Pyspark
- **Deep Learning**   : Convolution Neural Network
- **Database**   : Oracle, MySQL.
- **IDE**   : PyCharm, Jupyter Notebook, Google Collab, Eclipse, Android Studio
- **Cloud**   : Google Cloud Platform, Azure
- **Visualization Tool**   : Tableau

Projects

- **Crop Recommendation:**

  Objective: Data collected from the **Indian Council of Agricultural Research**. The Aim of this project is to build a predictive model to find the most suitable crops to be grown based on various parameters and intimating the same to farmers via text messages.

  Outcome: ML model hosted in Google cloud platform which takes the accuracy of 97% in recommending the crops and sending the recommendations to farmers via text messages.

  Model Access URL: https://cropprediction-317504.el.r.appspot.com

  Key Skills: Flask| Support Vector Classifier| GCP| HTML|CSS| Twilio

- **Company Bankruptcy Prediction:**

  Objective: Data collected from **Taiwan Economic Journal.** Banks lend money to companies in the form of Letter of Credit and Bank Guarantee. Our primary objective is to assess banks to check the credibility of the customers before lending loans.

Outcome: Model classifies companies into two categories: Bankrupt and Not Bankrupt using several Economic variables of interest with 96% Accuracy.

Key Skills: Logistic Regression| Stacking classifier| XGBoost

- **Restaurant Revenue Prediction:**
  Objective: Primary objective of Restaurant Revenue Prediction is to help restaurants make a more informed and optimal decision about opening new outlets. It aims to find an algorithmic model to increase the effectiveness of investments in new restaurant sites.
  Outcome: This model takes a shot at predicting the revenue of restaurants with an Accuracy of 83%.
  Key Skills: Regression Algorithm| Cross-Validation| Grid-search|

- **Object Recognition using Android:**
  Objective: Aim of this project is to develop a mobile application to recognize objects. This is an android project built using Android studio that incorporates Deep learning techniques for detecting objects. This Model takes input from the application's camera, recognizes the object, and previews the object in a mobile screen.
  Key Skills: Android studio | YOLO| Convolution Neural Network| TensorFlow API

Education

Course	Institution	Year	Score
Post Graduate Program in Data Science & Engineering	Great Lakes Institute of Management	2021	-
B.E (Computer Science Engineering)	Institute of Road and Transport Technology.	2014-18	6.7 CGPA
12th Std	Kongu Matriculation Higher Secondary School.	2013-14	91.5 %
10th Std	Kongu Matriculation Higher Secondary School.	2011-12	91.5 %

Certifications

- **IBM professional certification** on Supervised, Unsupervised learning
- Building scalable application using **Google Cloud Platform** issued by **Google**
- Tableau 2020 A-Z: Hands-On Tableau Training For Data Science, **Udemy**.
- Data Analysis using Pyspark issued by **Coursera**

Achievements

- Achieved **Delivery Excellence** award in Capgemini for immersive performance in project implementation
- Secured **1st place in Leader board and Achievements** (2021) for scoring the highest point in the Knowledge Service platform.
- Achieved **Employee of the Month (Novmber-2018)** and **Team of Month (August -2019) in** Wipro Limited.

Extra-curricular achievements

- Represented college in Zonal Level Inter College Badminton Tournament.