# Aswin Suresh

## AI/ML Engineer

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🔗 https://github.com/baldhydra

## 🧩 SKILLS

**Languages**
- Python
- R
- HTML

**Tools**
- Jupyter Notebook
- R studio
- Tableau
- PowerBI

**Version control**
- Git

**Machine and Deep Learning Packages**
- NumPy
- Pandas
- Sk-learn
- Pytorch
- TensorFlow
- Matplotlib
- Seaborn
- Keras
- NLTK

## 🪪 OBJECTIVE

Motivated AI/ML engineer seeking to leverage data analysis, machine learning, and programming skills to develop innovative solutions for the organization. Currently pursuing an M.Tech ⎋ in Artificial Intelligence with hands-on experience in data cleaning, visualization, and predictive modeling.

## 🎓 EDUCATION

**M.Tech in Artificial Intelligence**
Amrita School of Engineering
2024 – present

**Diploma in Data Science**
Techosa Professional Institute
2022 – 2023 | Kollam

**Data Science Boot Camp**
Udemy
2020 – 2021

**B.Tech in Mechanical Engineering**
TKMCE
2015 – 2019 | Kollam

## 🗂 CERTIFICATES

**Application of Machine Learning in Urban Studies** ⎋
Course Completion certificate conducted by IIRS (5/6/2023-9/6/2023)

**The Fundamentals of Digital Marketing by Google Digital Garage(June 2023)**

## 💼 WORK EXPERIENCE

**Software Development Intern at SBL Corp**
2024 – 2024

**Software Development Intern at iDatalytics**
2023 – 2023

## 📂 PROJECTS

**Machine Predictive Maintenance**
- Conducted a project on machine predictive maintenance using data obtained from Kaggle.
- Cleaned and visualized the data using Python.
- Created interactive dashboards using Tableau to help identify patterns and predict machine failures.

**Pollution Center Seasonal Sales**
- Conducted a project on seasonal sales visualization for Pollution Center using data obtained from the center.
- Cleaned and visualized the data using Python.
- Created interactive dashboards using Tableau to help identify patterns and maximize profit on months with major sales.

**Loan Approval Prediction**
- Worked on a dataset from Kaggle containing loan applications
- Analyse and visualize the data using python
- Used various models to predict the outcome and got an accuracy of 97% in Random Forest

**Mental Disorder Prediction**
- Worked on a project on Mental Disorder using a dataset obtained from Kaggle.com
- Visualize the data using seaborn
- Used various algorithms to predict disease
- Improved the model using various optimization techniques and got 94% accuracy in Random Forest.
- Deployed the model on Flask