Adwaith S
Machine Learning Engineer

Machine learning engineer with proven success in building successful algorithms and predictive models for clients .Proficient with ML technologies such as Pytorch, Scikit-Learn, Numpy ,Pandas etc. A thriving analyst with the ability to apply ML techniques and algorithm development to solve real-world industry problems

✉ adwaithsanthosh1@gmail.com 📱 8075996470 📍 Anchal Kollam, India

WORK EXPERIENCE

Systems Engineer
Tata Consultancy Services

07/2021 - 09/2023   Chennai ,India

Achievements/Tasks

- Developed a matrix Factorization based Recommendation model(LightFM)) and Deep Learning Recommendation algorithm.
- Developed Data science generated offer optimization and allocation algorithm.
- Implemented client requested Specializations to model(Bestselling and New Arrivals).
- Optimizing code to get faster results and better utilization of resources using Pytorch and Numpy.
- Developed API using Azure Kubernetes Service (AKS) with below 10ms real-time response time.
- Hands-on experience in Open AI, Solid understanding of statistical concepts and data analysis techniques.

PROFILE SUMMARY

Proficent with popular machine learning libraries and frameworks such as TensorFlow, Keras, PyTorch, or scikit-learn

Evaluate and optimize machine learning models for performance, scalability, and efficiency

Responsible for conducting research and developing cutting-edge machine learning algorithms and models.

Collaborate with data scientists, software engineers, and product managers to understand project requirements and define the scope of machine learning solutions

EDUCATION

BTech
TKM College of Engineering

07/2017 - 07/2021   Kollam ,Kerala with 9.13CGPA

All India Senior School Certificate Examination
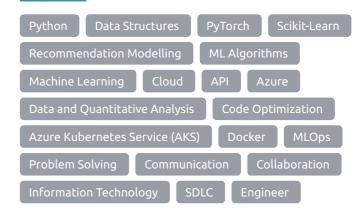**Sabarigiri Residential School(CBSE)**

07/2015 - 07/2017   Kollam.Kerala with 94.4% as school topper

All India Secondary School Examination
Sabarigiri Residential School(CBSE)

07/2014 - 07/2015   Kollam.Kerala with 9.8CGPA

SKILLS

Python | Data Structures | PyTorch | Scikit-Learn | Recommendation Modelling | ML Algorithms | Machine Learning | Cloud | API | Azure | Data and Quantitative Analysis | Code Optimization | Azure Kubernetes Service (AKS) | Docker | MLOps | Problem Solving | Communication | Collaboration | Information Technology | SDLC | Engineer

CERTIFICATES

Certificate of Excellence from TCS (04/2022 - 12/2022)
For successfully Deploying New Arrival Recommendation Model for Neiman Marcus

Google IT Support Professional Certificate (01/2020 - 04/2020)
Coursera: coursera.org/verify/professional-cert/XUHVFRAKDAK9

Python for Everybody Specialization (01/2020 - 04/2020)
Coursera: coursera.org/verify/specialization/QVU6GVBW23G4

LANGUAGES

English
Full Professional Proficiency

Malayalam
Native or Bilingual Proficiency

Hindi
Professional Working Proficiency

Tamil
Limited Working Proficiency

ACHIEVEMENTS

Certificate of Excellence from TCS

Qualified Graduate Aptitude Test in Engineering (GATE)

HackerRank 5 star rating and Golden Badge in Problem Solving

Google IT Support Professional Certificate Badge by Coursera

Class Representative during 2018-2019

Elite + Gold in NPTEL programming in java