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 - Present   *Chennai ,India*

Achievements/Tasks

- Developed a matrix Factorization based Recommendation model(LightFM) for a US Clients website (Neiman Marcus)
- Worked in a Graph Neural Network based Recommendation algorithm with specific requirements from the client
- Implemented client requested Specializations to model(Best selling 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
- Using Azure ML studio for Pipeline building and running recommendation models and deploying Azure Kubernetes Service (AKS)

PROFILE SUMMARY

Experienced in using Azure Pipelines to automatically deploy to Azure Kubernetes Service (AKS)

Hands-on experience working with cloud architecture applications & paradigms

Strong experience working with Docker & Kubernetes

Ability to develop code and deliver results within a limited time period with maximum accuracy

EDUCATION

BTech
TKM College of Engineering

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

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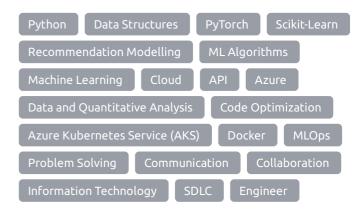Sabarigiri Residential School(CBSE)

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