DEEPU DILEEP

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ACADEMIC DETAILS

COURSES	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
PG	Thermal Engineering	BITS Pilani Hyderabad	BITS, Pilani	8.71 CGPA	2020
UG	Mechanical Engineering	College Of Engineering Adoor	CUSAT , Kochi	74.76%	2015
CLASS XII	PCM	Amrita Vidyalayam Pandalam	CBSE	86.2%	2011
CLASS X	MATHS SCIENCE	Amrita Vidyalayam Pandalam	CBSE	86%	2009

Technical Proficiency	Python, MySQL, Flask, Excel, Machine Learning, Deep Learning

INTERNSHIP / WORK EXPERIENCE

Associate Data Scientist – Aizen Algo Pvt.Ltd.(Former Aizant Global Analytics) Hyderabad, July 2020 – Present

NLP Model on Pharmaceutical Data

- Latent Dirichlet Allocation model on text data to segregate them into different topics based on the probability scores.
- The probability distribution of each document can be used to find similar documents

Regression Analysis for Time points in Clinical Trials

- Statistical Analysis performed on data to identify the most important parameters.
- Regression Analysis performed to predict the time points.

Solubility Prediction in Solvents

- Statistical Analysis performed on data to identify the most important parameters.
- Regression, ANN and SVR models are trained and tested and best model is chosen.

Engineering Intern – Adani Power(UPCL), Udupi, Jan 2020 –June2020

Study on Boiler Tubes Failure in Thermal Coal Power Plant

- ANN model on for predicting boiler tube failure
- CNN model for identifying corrosion on boiler tube pipes.

CERTIFICATIONS:

Certificate Program in Data Science Specialization
Authority:EICT Academy, IIT Roorkee
Certificate Program in Deep Learning
Authority:EICT Academy, IIT Roorkee

PUBLICATIONS :

In Review with EJ MATH (European Journal of Mathematics and Statistics)
- Title: "**Topic Modelling on Pharmaceutical Incident Data** ".

Published in International Heat and Mass Transfer Conference 2019
- Title: **"Performance evaluation of a DMFC"**
- Organized by: American Society of Thermal and Fluids Engineers | Date: Dec 2019

TEST SCORES

TEST NAME	DATE OF EXAM	SCORE
GATE 2018	Feb 3, 2018	96.01 percentile

HOBBIES

Football, Swimming,Watching movies etc.

Languages Known

Malayalam, English,Hindi