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NIHARIKA

Education

National Institute of Technology, Durgapur - B. Tech CGPA: 8.19/10	2018 - 2022
Senior Secondary - Central Board of Secondary Education Percentage: 87.8%	2016 - 2018
High School - Central Board of Secondary Education CGPA: 10/10	2005 - 2016

Experience

Data Scientist - Slice	June 2023 - Present
Developed and deployed a Unique Device Criteria (UDC) model designed to combat fraud by limiting multiple users from accessing the same device, ensuring secure authentication of device ownership. Engineered a model for real-time Credit Limit adjustments based on every user transactions. Implemented an approach to compute FOIR using Bureau Information, providing a comprehensive assessment of financial risk and eligibility. Additionally, introduced a method to detect if customers are seeking loans from other institutions by analyzing SMS data.	
Data Scientist - Navi Technologies	Aug 2022 - May 2023
Implemented Expected Credit Loss Model (ECL) model to analyze and reduce the credit risk of the company. Created Customer Segmentation Model that is used for pricing strategies. Used extensive feature selection and feature creation for the model.	
SDE Intern - Amazon India	Jan 2022 - Jun 2022
Worked with the VAS Fulfilment team to build and deploy internal portals using Java and Javascript and AWS Services. Used: Dagger Dependency Injection, ReactJS, AWS lambda, CDK	
Data Analyst Internship - Leap Club	Aug 2021 - Oct 2021
Created dashboards and performed cohort analysis, retention curves of customers and performed various analysis to find out customer needs. Used: SQL, superset, Google Analytics	
Winter Research Internship - Machine Learning Internship - IIIT Allahabad	Nov 2020 - Jan 2021
Worked on the BERT model to detect hate speech on hit songs. Used: PyTorch, Google Colab	
Technical Content Writer Internship - GeeksforGeeks	Jan 2021 - Jun 2021
Published various articles related to Python libraries. Active contributor and scripter.	

Achievements

Award - 1st Runner-up App Dev (Big Data) Hackathon by American Express
Extracted dataset from Twitter and made a model using NLP to drive better customer satisfaction. Emerged as first-runner up amidst more than 2500 participants with Rs 20k cash prize
Award - 2nd Runner-up EY GDS Hackpions 2.0 by Ernst & Young
Created a pipeline for NLP based tagging solution for exceptions arising during . Used : BM25, Word2Vec, BERT, RegEx, PyTorch, Yake! Second - runner up among more than 800+ teams with Rs 25k cash prize
Finalist - Rakathon by Rakuten
Created a project - Hospi (All Round Health Application) using ML and Django. Got selected for the final round among 6095 teams.
Finalist - PMI Gameathon by Project Management Institute
Created a game that provides learning to enhance project management skills.

Skills

Analytics	My SQL, Tableau, Supervised Learning, Data Analysis
Languages/ Frameworks	Pyspark, Python, Scala, C, C++
ML Libraries	Numpy, Pandas, Matplotlib, Seaborn, Sklearn, Streamlit, PyTorch
Platforms/ Tools	EMR Studio, Databricks