Reena Aseervadham

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Summary

I am a results-driven individual passionate about leveraging data science to increase the efficiency and efficacy of problem-solving and decision-making. I possess strong research and communication skills, which enable effective and collaborative teamwork. I am passionate about Artificial Intelligence and Machine Learning, but always willing to explore other areas of interest. I am flexible, adaptable, and willing to operate outside of my comfort zone, understanding personal and professional growth will follow.

Experience

Data Science Intern

Sobha Ltd· Bangalore, Karnataka
02/2024 - Current

- Conduct comprehensive data cleaning and modeling processes to ensure data integrity and reliability.
- Produce insightful reports, analyzing performance metrics by region and product, identifying areas for improvement.
- Collaborate in assessing the company's compatibility with a new Data Engineering software, focusing on efficient data retrieval and management.
- Engage in in-depth research and experimentation with AI and ML technologies, providing valuable insights into future possibilities for the company.

Analytics Intern

Rocketium · Bangalore, Karnataka
07/2023 - 08/2023

- Assisted in determining essential data attributes for projects, followed by the systematic creation of the data in accordance with the identified data attributes.
- Managed significant quantities of data and enhanced the dataset in conformity with the client's requirements.
- Assimilated valuable insights derived from social media posts and advertising campaigns by developing elaborate reports.
- Identified potential avenues for cost reduction and high-value customers while offering prescriptive measures to mitigate loss.
- Ensured the continuous upkeep and refreshment of data across the organization's platform.

Research Assistant

UNSW & Christ University · Bangalore, Karnataka
08/2021 - 10/2022

- Collected and delivered raw data to the research team with the aim of researching the effects of COVID-19 on Indian students. The research was conducted by UNSW, Australia in collaboration with Christ University.
- Facilitated scheduled meetings with research participants, establishing a conducive platform for insightful discussions on the impact of the pandemic.
- Delivered valuable coping strategies, empowering participants to effectively navigate adversities.

Skills

Python, SQL, JAVA, Database and Data Structures, Data Analytics - Power BI, Excel, Machine Learning, Linear Regression, Deep Learning, Cloud Computing - GCP, AWS.

Education

Master of Science in Data Science
Christ University, Lavasa
2022 - 2024
- Published a research paper in IEEE on Data Ingestion - Cloud based Ingestion Analysis using NiFi.
- Participated in a Hackathon conducted by Christ University, Lavasa, and secured a place among the top ten teams.
- Member of the Student Council from 2022-2023. Managed the Council's social media presence and created media visibility content.

Bachelors of Computer Applications
Christ University, Bangalore
2019 - 2022
- Big Data Computing NPTEL Certification - IIT Kanpur
- AWS Cloud Foundations - AWS
- Interviewed an industry professional as part of 'Talking Tech', an initiative by the ITU, UNICC, and the Office of the UN Secretary-General's Envoy on Youth, to help create a global environment that empowers and encourages girls and young women to consider studies and careers in the growing field of Technology.

Science and Computer Application
Shanti Bhavan Residential School, Tamil Nadu
2019
- Grade 12 ISC - 81 %
- Grade 10 ICSE - 86 %

Projects

- Developed processors to perform Data Ingestion Validations that can seamlessly be integrated into existing data pipelines as a Proof of Concept Research with JAVA and NiFi.
- Created a classification method to perform Twitter Bot Profiling with NLP and Python.
- Assembled a temperature-modulating IoT project, synced with the body temperature recorded on wearable smart devices like smartwatches, to decide the optimal temperature of the room.
- Deployed an Online Thrift Store website aided by AI to support the prediction of suitable selling prices for second-hand clothing with Linear Regression, Python, HTML, CSS and PHP.
- Engineered a Hospital Management System for doctors to easily manage their appointments, view and maintain patients' current and historic log with JAVA and MySQL.