VANGALAPUDI DHANYA

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A dedicated professional with exceptional working and organizational skills seeking to gain experience and knowledge. Excellent understanding and proficiency of platforms for effective data analysis, including SQL, Excel, python. Skilled in GCP Data Engineering, Data Analysis and data visualization. Looking to apply hands on expertise in streaming and distributed systems for bigdata. Strong communication and analytical skills.

EDUCATIONAL QUALIFICATIONS

B.Tech, Production Engineering	National Institute of Technology, Calicut	8.43/10	2018-2022
Class XII, Andhra Pradesh state board	Sri Chaitanya Junior College	977/1000	2015-2017
Class X, Andhra Pradesh state board	Siddhartha High School	9.5/10	2015

EXPERIENCE

Data Engineer at Searce   (June 2022 – Present)

- Successfully built an end-to-end solution for migrating MySQL to Big Query which will help to minimize the migration cost and improve performance. It is also capable of doing schema evolution.
- Built a number of use cases in GCP environment.
- Hands-on experience on Data ingestion, creating pipelines and Processing Data.
- Had a hands-on experience on GCP services.

ACADEMIC & CO-CURRICULAR ACHIEVEMENTS

▪ Act as a team lead for final year project.	2019-2021
▪ Played All India Inter-NIT Kho-Kho Tournament (secured 4th position).	2021-2022
▪ Received the FFE Scholarship continuously for Four (4) years of education.	2018-2022

PROJECTS & RESEARCH PAPERS

Academic Projects	**Assessment and prediction of stressors among health care workers during covid-19 using machine learning techniques**
	▪ Data had collected using offline and online surveys. Exploratory data analysis has been carried out. A total of five machine learning algorithms has implemented for classification and prediction of stressors among health care workers.
Minor project 1	**Perform 'Exploratory Data Analysis' on dataset 'Sample Superstore'**
	▪ Performed Data Cleaning, Data Visualization and Data Analysis on the dataset to find our weak areas where we can make more profit.
Minor Project 2	**Design and Fabrication of UV Based Baggage Sanitization Machine**
	▪ The fabricated equipment is presently being used in NIT Calicut Campus to sanitize the baggage of the students. ▪ Our work has been featured in NITSER (Council of National Institutes of Technology, Science Education and Research) COVID 19 Pandemic Research Initiatives.

POSITIONS OF RESPONSIBILITY

National Institute of Technology, Calicut	**Class representative**	*Sep'20 – May'22*
	▪ Act as a liaison between the students and professors/administration. ▪ Represented our class at class Rep Meetings and at program councils	
National Cadet Corps	NC II cadet at 9K Naval unit	*Nov '18 – Apr'22*

SKILLS

- SQL
- Python
- GCP
- Airflow
- Tableau
- BigQuery

EXTRA-CURRICULAR ACTIVITIES

Technical Events	▪ Participated in Climate Data Hackathon themed on "Climate Resilient Agriculture". Our team recognized as "Most Entrepreneurial Team".
Certifications	▪ Google Professional Data Engineering Certification ▪ Google Data analytics professional certificate ▪ Google Cloud Big Data and Machine Learning Fundamentals.