DEVADATH G NAIR

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SUMMARY

Results-driven Data Science Enthusiast and a Business Analyst with 1+ year experience in client-focused operations, innovative solutioning, and efficient customer interaction. Expert in eliciting, analyzing, and documenting business requirements, known for strong analytical, communication, and problem-solving skills.

EDUCATION

- Master's Program In Data Science and Advanced Programming (09/2023 - Present), IIT Madras DSA Zen Data Science, GUVI
- Bachelor of Technology, Computer Science And Engineering (08/2018 - 06/2022), Adi Shankara Institute of Engineering and Technology

EXPERIENCE

2Base Technologies Pvt Ltd. - Junior Business Analyst   **08/2022 - 09/2023**

- **SkoolBeep(Project):** SkoolBeep is a school-parent engagement platform that helps schools, teachers, students, parents and other users to exchange information conveniently using smartphones.
- Managing a project with more than **2 million** active users as the **primary business analyst** for the project even as a fresher because of the technical and soft skills I possess. Found many **innovative solutions** for the project.
- Conducting weekly **requirement gathering** calls with the client. Conducting **kick-off sessions** for the Development, QA, UI/UX, Project Management and the Management Team for the solutions found. Created many **wireframes** based on the latest design logics for improved user experience in the application.
- Maintained and incorporated **agile processes** into the development lifecycle on projects and initiatives.
- **Stakeholder interaction** for collecting information and defining **business requirements**.
- **Documenting** business requirements and preparing **flows** and wireframes. Creating **User Stories**, communicate functionalities and features to the team and other stakeholders through easy to understand conceptualization.

CDAC - Intern   **07/2021 – 07/2021**

- The internship mainly focused on building a foundation on Big Data Analytics, Machine Learning, DevSecOps, IoT, Virtual Reality, CMS, Cyber Security, Kotlin , and Progressive Web Apps.

Camino Infotech Pvt. Ltd - Python Intern   **10/2020 – 10/2020**

- Learned different libraries in Python, got familiarised working in Python environment.

CAPSTONE PROJECTS

YouTube Data Harvesting and Warehousing using SQL, MongoDB and Streamlit ([Portfolio](#)):

- This project aims to develop a user-friendly Streamlit application to **extract, transform, load** and perform **EDA** and generate insights from any youtube channel.
- Conducted **web scraping** to harvest data.
- Utilizing the Google API to extract information on a YouTube channel, storing it in a **MongoDB database**, migrating it to a **SQL data warehouse**, and enabling users to search for channel details and **join tables** to view data in the Streamlit app.
- **Skills used ->** Python, Web Scraping, NoSQL, MongoDB, SQL, MySQL Workbench, Youtube Data API, API integration, Data Scraping, ETL, Data Processing, Data Lake, Data Warehousing, Streamlit, Web Application Development, Data Analysis, Plotly, Data Visualization.

Industrial Copper Modeling ([Portfolio](#)):

- This project focuses on creating a **machine learning** web app using **regression and classification algorithms.**
- It aims to predict commodity selling prices and assess lead likelihood of becoming customers.
- **Skills used ->** Data Normalization, Feature Scaling, Outlier Detection, EDA, Data Preprocessing, Machine Learning Algorithms, Encoding, Feature Engineering, Extra Trees Classifier, Gradient Boost, XGBClassifier, Random Forest Classifier, KNN, SVM, Logistic Regression, Decision Tree, accuracy, precision, recall, F1 score, AUC.

Phonepe Pulse Data Visualization and Exploration ([Portfolio](#)):

- A **User-Interactive Dashboard** Using Streamlit and **Plotly** which encompasses **live geo visualization** of India.
- The project used **real time data** from PhonePe Pulse and **generated many insights** like most transactions, most users, highest transaction amounts etc.
- This project aims to develop a streamlit application for **data visualization** and dashboard for the PhonePe pulse data containing various metrics and **statistics**.
- **Skills used ->** Github cloning, Python, Pandas, MySQL, Streamlit, Plotly.

Zomato Review System based on Sentiment Analysis ([Portfolio](#)):
- The goal is to create a **Review Analysis System**, an ML-based assistant for online food delivery apps. This involves **Sentiment Analysis** and selecting the best algorithm based on **accuracy**.
- **Skills used ->** Machine Learning, Sentiment Analysis, NLP and Data Analysis.

SKILLS

Technical Skills: Python, Data Visualisation, SQL, NoSQL, EDA, Data Science, Business Analysis, Wireframes, WorkFlow, Process Flow, Machine Learning Algorithms, Statistics.

Tools: MySQL WorkBench, MongoDB, Jupyter Notebook, Balsamiq Wireframes, Draw IO, PowerBI, Matplotlib, Seaborn, Plotly.

Other: SDLC, Business Insights, Business Development, Technical Solution Design, IT Development, Product Analytics, Scrum, Requirements Gathering, Agile & Waterfall Methodologies, Project Management, Software Documentation, Business Process Improvement, Client Requirements, Features Listing, SRS, Use Case, User Stories.

CERTIFICATES

- Master's Program In Data Science and Advanced Programming (09/2023 - Present) - IIT Madras DSA Zen Data Science, GUVI
- Introduction to Relational Database and SQL (2020) - Coursera
- Data Science Foundations (2021) - Great Learning
- Programming for Everybody (Getting Started with Python) (2021) - Coursera (University Of Michigan)