

About

MSc Computer Science graduate with a passion for data analysis and a strong foundation in Python programming, Data management and visualization tools like Power BI and Excel. I have hands-on experience in data engineering and machine learning, gained through my internship as an Data Engineer. I am skilled in database management using PostgreSQL and proficient with Git version control. Eager to leverage my analytical and technical skills in extracting insights from data, I aim to contribute to data-driven decision-making in a dynamic team environment.

Projects

1) COMPANION Web Application:

Built Using HTML, CSS, JS and Python(Machine Learning).A comprehensive Web Application for effective sleep health management using Machine Learning and Integrate with Google AI Studio for real time Chatbot. It helps manage sleep duration with a smart alarm, and provides educational resources.

2) MOTO CARE Application:

Built Using Android Studio(Java, XML).Road-Side vehicle assistance app. In which android users can get vehicle related mechanical information they need anytime and anywhere.

3) Revenue Insights Analysis in Hospitality Domain using Power BI

- Analyzed key revenue metrics such as RevPAR (Revenue per available room), ADR (Average Daily Rate), Occupancy %, and Realization % across multiple properties.
- Developed interactive Power BI dashboards, enabling dynamic filtering by city, room class, and time period.
- Visualized trends over time, identifying performance shifts and providing actionable insights for revenue optimization.
- Compared booking platform performance, focusing on realization % and ADR to enhance business decision-making.

Education

Master of Science(M.Sc.) - Computer Science

PONDICHERRY UNIVERSITY, Pondicherry

Jun 2022 - May 2024

Bachelor of Science(B.Sc.) - Computer Science

Sullamussalam Science College (UNIVERSITY OF CALICUT)

Jun 2019 - Apr 2022

Higher Secondary Education

(Physics, Chemistry, Mathematics, Biology)

C.H.M.H.S.S POOKOLATHUR, Kerala

Jun 2017 - Mar 2019

Work Experience

AI DATA ENGINEER INTERN | DDU-GKY, ADOOR

JULY 2024 - PRESENT

- Currently acquiring hands-on experience in data engineering, machine learning, and AI applications.
- Engaging with the team to understand project requirements and contribute to ongoing AI-driven solutions.
- Developing data analysis tools and machine learning frameworks under the guidance of experts.

Skills

Programming Languages and Frameworks: Python (Pandas, NumPy, Matplotlib), HTML5, CSS3, JavaScript, SQL.

Development Tools: VS Code, Power BI, Microsoft Excel (VLookup, Conditional Formatting).

Intermediate Knowledge: DBMS, Data Structure, OOPS.

Version Control and Collaboration: Git, GitHub.

Databases and Data Management: MySQL, Microsoft SQL Server

Soft: Team work, Understanding, Time management, Communication, Problem Solving.

Personal: Self-Motivation, Adaptability, User Empathy, Creativity.

Certificates

Python and Django on AVODHA EDUTECH

September - 2023

Data Analytics with Python on NPTEL (Founded by the MoE, Govt. of India)

April – 2023

Languages

- English
- Malayalam
- Tamil
- Arabic