

Summary

Data Enthusiast with Excellent Analytical, Communication, and Organizational skills. Possess a strong foundation in data analysis, cloud technologies and a proven ability to thrive in a Scrum-driven Agile environment. Committed to continuous skill development and contributing expertise for the benefit of the Organization

Education

Master of Science - Data Science

Sept 2024 – Sept 2025

Middlesex University Dubai, United Arab Emirates

Bachelor of Engineering

Aug 2016 – Apr 2020

PSG Institute of Technology and Applied Research, Coimbatore, Tamil-Nadu, India

CGPA: 8.42

Skills

Programming Languages: Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Altair), R (ggplot2, dplyr, tidyr), SQL, Java (basics), JBC

Tools: Excel, Power BI, Tableau, Docker, Postman, Selenium, Jboss, Apache Spark, GitHub, VS code

Cloud: Azure Data Factory, Azure Synapse Analytics, Azure Data Lake Storage v2, Azure Databricks

Data Analysis: ETL, Data Cleaning and Preprocessing, EDA, Feature Engineering, Statistical Analysis, Sentimental Analysis, Time series analysis

Project Management tools: Confluence, Jira, Agile

Experience

Product Engineer and Analyst | Temenos India Private Ltd | Feb 2021 – Jul 2024

Key Responsibilities:

End-to-End Product Development:

- Contributed to the design, development, testing and scripting works of Pricing Microservice, ensuring seamless functionality and reliability
- Independently developed a new module, Reward Program, which included designing and implementing a new field structure, developing validations, managed to schedule the feature utilizing a recursive approach, performed COB activities for future dated test cases, created a user acceptance (UA) screen for the user to define eligibility, benefits and schedule. Successfully delivered a comprehensive demo showcasing the full functionality of the module to the team
- Developed multiple POST and GET APIs using the IRIS framework to efficiently handle data transfer between the microservices (MS) and the User Acceptance (UA) screen for posting and fetching data. Also developed automation scripts for both code and APIs using the Selenium framework and Cucumber framework, ensuring robust testing and seamless integration.

Adhoc Contributions:

- Conducted in-depth performance analysis and executed code optimizations to enhance system efficiency and responsiveness
- Acted as a key representative in maintenance calls, providing strategic updates and resolving client-specific queries effectively
- Resolved a high-priority issue concerning Periodic Interest calculations in the TEP system, ensuring compliance and accuracy
- Addressed and rectified technical challenges within the E2E Wired Area Setup, maintaining operational stability.

Cloud Migration: Directed the migration of data to Azure Cloud, encompassing: Comprehensive data ingestion workflows, Data transformation pipelines for enhanced utility and Reporting solutions to ensure actionable insights and scalability.

Data Analysis and Reporting: Extracted and analysed daily run reports, identifying error patterns and visualizing insights for stakeholders to drive informed decision-making

Client Maintenance Release Ownership: Solely managed a Client's maintenance release, ensuring timely delivery of updates and enhancements to meet client needs

Academic Projects

1. Airbnb Listing Quality Classification using Machine Learning (Jan 2025)

Designed and implemented Logistic Regression and Decision tree classifier machine learning models to classify Airbnb listings as good or bad, leveraging advanced data analysis, feature engineering, and predictive modelling techniques.

GitHub Repository link: <https://github.com/rooban-gs/airbnb-dataset-analysis>

2. Waterway Contamination Analysis and Trend Modelling (Dec 2024)

Conducted a comprehensive analysis of waterway contaminant data (1998–2016), focusing on trends, anomalies, Leveraged advanced statistical techniques to analyse the dataset and applied Altair for interactive data visualization

GitHub Repository link: <https://github.com/rooban-gs/boonsong-waterway-analysis>

3. Exploratory Data Analysis of Global Health Indicators (Nov 2024)

Categorized dataset based on economic development classifications and examined the correlation between BMI prevalence and age-standardized diabetes prevalence across those regions. Utilized Tableau to create data visualizations, uncover actionable insights, and perform time trend analysis to identify patterns and opportunities for improvement.

GitHub Repository link: <https://github.com/rooban-gs/global-health-dataset-analysis>



Certifications and Workshops

▪ Azure Data Fundamentals DP-900 – issued by Microsoft	September 2024
▪ Microsoft Excel: Beginner to Advance – issued by Udemy	August 2024
▪ Data Analytics Professional Certification – issued by Google	December 2023
▪ Azure Fundamentals AZ-900 – issued by Microsoft	August 2023
▪ Business Intelligence using Power BI – issued by Skill Nation	August 2023
▪ Python for Data Science – issued by Udemy	July 2023



Achievements

▪ Commit Temenosian Award – for contribution towards the Promotions and Rewards module	June 2024
▪ Temenos Certified Accredited Status – for proving product expertise on Temenos Certified Consultant Programme	February 2024
▪ All round Performer Temenosian Award – for contribution towards Development, testing and Analytical activities	July 2023
▪ Vice-treasurer of ECE Association	September 2019
▪ Quarter finalist in Texas Instruments Innovation contest	November 2018
▪ Class Representative of ECE	August 2017



Industry Based Experience

▪ Internship at IT CELL of Southern Railways on Mobile app development	February 2020
▪ In-plant Training at Meds-by Healthcare and Engineering solutions on 3D printing and Bio-mechanics.	December 2018
▪ In-plant Training at NIT Trichy on Swarm Robotics.	May 2017
▪ In-plant Training at BSNL Tirunelveli on Fiber Optic Communication.	December 2016



Language Proficiency

- English (Proficient)
- Tamil (Native)
- Sourastra (Fluent)
- Hindi (Intermediate)
- French (Basic)



Personal details

Date of birth: 23rd September 1998

Nationality: Indian

Mailing address: 1203, Minc Apartments, Barsha heights tecom, Dubai.

Hobbies: Pencil sketching, Gym, Chess