

SURYA V

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EDUCATION

SRI ESHWAR COLLEGE OF ENGINEERING

Bachelor Of Engineering – (Computer Science and Engineering)
Cumulative Grade Point Average (CGPA)- 8.48

Coimbatore, Tamilnadu
2019 -2023

JAYARANI MATRIC H.R SEC SCHOOL

Higher Secondary School Certificate (HSC)
Percentage- 72.9

Salem, Tamilnadu
2018-2019

JAYARANI MATRIC H.R SEC SCHOOL

Higher Secondary School Leaving Certificate (SSLC)
Percentage- 91.6

Salem, Tamilnadu
2016-2017

PROJECTS

PRIVATE CHATTING APPLICATION

Technologies Used: Flutter, Firebase and Dart

Developed a secure private chatting application for educational institutions, government organizations, and other entities ensuring data confidentiality with a dedicated database and real-time communication. Focused on continuous improvement through user feedback and rigorous testing to enhance user experience. Ensured attention to detail in every aspect of the application to maintain high quality.

ENTERPRISE DATA OPERATIONS AUTOMATION

Technologies Used: Azure Data Factory (ADF), Azure SQL Database, Azure Cosmos DB, Stored Procedures.

Built an Azure-based system to automate quarterly data archival and real-time pipeline logging for enterprise Reporting. Developed ADF pipelines to archive records older than three months using stored procedures and Scheduled triggers, improving SQL performance and data compliance. Implemented dynamic CSV ingestion and JSON transformation via Mapping Data Flows, with conditional upserts to Cosmos DB for Dashboard Integration. Ensured scalability, error handling, and data integrity, while aligning with enterprise governance standards. Collaborated cross-functionally to deliver efficient, maintainable, and high-impact data solutions.

DATA VALIDATION USING TALEND:

Technologies Used: Talend (ETL Tool), SQL

Designed and executed data validation processes using Talend, an ETL tool, to extract, transform, and validate data from source files. Established and implemented validation tests to ensure data accuracy and compliance with requirements. Emphasized documentation for clarity and continuity. Utilized SQL for data queries and validation. Applied best practices in data management.

SALES PERFORMANCE DASHBOARD

Technologies Used: Microsoft Power BI

Created a comprehensive Power BI dashboard to track and analyse sales performance metrics, including revenue trends, regional sales distribution, and product profitability. Employed data cleaning methods to address missing values and outliers, ensuring high data quality. Implemented drill-down features and dynamic filters to facilitate in-depth analysis and data exploration.

TECHNICAL SKILLS

Programming Languages: C#, Java, Python, C

Web & Application Development: .NET Framework, ASP.NET, HTML, CSS, JavaScript

Cloud & DevOps: Microsoft Azure (ADF, Azure SQL, Logic Apps, Cosmos DB), Azure Pipelines

Data Processing & ETL: Apache Spark, PySpark, Talend Open Studio

Database & Query Languages: SQL, Azure SQL Database, NoSQL (Cosmos DB)

Data Visualization & Reporting: Microsoft Power BI

Development Tools: Visual Studio, Visual Studio Code, PyCharm

EXPERIENCE

CGI – Software Engineer Apprentice

Feb 2025 – Present

At CGI, I am currently undergoing structured training in .NET development, gaining hands-on experience in C#, ASP.NET, and backend application development. Alongside my learning, I contributed to real-time enterprise solutions by engineering an Azure-based system for quarterly data archival and pipeline logging. I developed Azure Data Factory pipelines to archive SQL data using stored procedures and scheduled triggers, enhancing database performance and compliance. Additionally, I built dynamic ingestion pipelines using Mapping Data Flows to convert CSV input into structured nested JSON for conditional upserts into Cosmos DB. This enabled seamless Dashboard integration and real-time pipeline tracking. Throughout my work, I emphasized automation, scalability, and data governance while collaborating with cross-functional teams to align with business goals.

Virtusa Consulting Services Pvt Ltd - Internship

Jan 2023- May 2023

Acquired a strong foundation in using Talend Big Data and Data Integration to manage enormous amounts of Data and gained hands-on experience with Microsoft Azure Cloud, creating virtual machines for the Deployment and management of services and application linked to big data. Developed skills in configuring and optimizing cloud resources to ensure efficient and scalable big data and Data engineer solutions .Focused on continuous improvement and debugging cloud-related issues. Contributed to the software development lifecycle by ensuring clean code and through testing.

Senchola Technology Solutions – Internship

Sep 2023 - Dec 2023

Developed interactive Power BI visualizations to enhance Flow data-driven decision-making using advanced functions and data modeling for precision. Collaborated with teams to design actionable dashboards, leading to a thirty percent improvement in operational efficiency. Maintained and updated reports to provide stakeholders with real-time insights. Emphasized continuous improvement, thorough testing, and detailed documentation. Paid close attention to detail to ensure the accuracy and reliability of the visualizations.

CERTIFICATIONS

Certified in Microsoft Azure Fundamentals (AZ-900)	Microsoft	2023
Certified in Microsoft Azure Data Fundamentals	Microsoft	2023
Certified in Oracle Cloud Infrastructure GenAI Professional	Oracle	2024
Certified in Python Essential 1 and Python Essentials 2	Cisco	2023
Certified in Python (Basic, Intermediate)	Hackerank	2021
Certified in Java (Basic, Intermediate)	Hackerank	2020

ACHIEVEMENTS

Students Representative of the Class in Second to Fourth Semester	2020-2021
Placement Coordinator and Industrial Visit Coordinator of the College	2022-2023
Achieved First Prize in District Level Chess Tournament	2018