Drisshya S

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Passionate Computer Science and Engineering graduate with robust technical skills and a strong commitment to leveraging problem-solving abilities in innovative projects and real-world applications.

EDUCATION

B.E. Computer Science and Engineering
Sathyabama Institute of Science and Technology
CGPA - 9.26 (Up to 7th Semester)

09/2021 - Present — *Chennai, Tamil Nadu*

Higher Secondary (Class 12)
Union Christian Matriculation Higher Secondary School - 95.905%

06/2020 - 05/2021 — *Chennai, Tamil Nadu*

SSLC (Class 10)
Union Christian Matriculation Higher Secondary School - 96.2%

05/2018 - 05/2020 — *Chennai, Tamil Nadu*

SKILLS

Technical Skills

`Java` `Python` `ETL` `MySQL` `Data Warehousing`

Soft Skills

`Problem Solving` `Communication` `Teamwork`

Tools

`Informatica PowerCenter` `IICS`

PROJECTS

University Analytics System

IICS

- Developed end-to-end ETL pipelines using Informatica IICS for the University Analytics System, integrating data from flat files and fixed-width sources into a centralized data warehouse.
- Implemented SCD Type-II for Student Dimension and SCD Type-I for College, Department, Course and Faculty Dimensions, ensuring accurate and up-to-date reporting.
- Designed and automated Result Staging, Fact and Aggregate loads, including data validation, referential integrity checks and monthly performance aggregation by college and course.

Healthcare System

Informatica PowerCenter

- Integrated lookup transformations to efficiently map and validate patient records across multiple sources, ensuring accurate diagnosis tracking, treatment history and billing consistency.
- Optimized ETL workflows with automated referential integrity checks and performance tuning, enhancing healthcare analytics for hospital performance and patient care outcomes.

Quiz Quest (Online Quiz Application)

HTML, CSS, JavaScript, PHP, MySQL

- Designed and developed a Quiz App allowing users to participate in interactive quizzes on various topics.
- Implemented dynamic user engagement features and a user-friendly interface for quiz selection, question attempts, instant feedback and score tracking.
- Integrated a ranking system with leaderboards and performance tracking, enhancing user interaction and fostering competition.

CyberEye (Plug-in to detect phishing sites)

HTML, CSS, JavaScript

- Developed a browser extension for Chrome and Firefox browsers that detects phishing sites.
- Includes a website whitelisting feature to enhance online security.
- Robust approach to strengthen online security by employing URL and cookie data analysis.

INTERNSHIPS

Programmer Analyst Trainee – Cognizant

01/2025 - Present — *MBP, Bangalore*

- Completed a 3-month internship at Cognizant, worked on projects and developed ETL workflows using Informatica Intelligent Cloud Services (IICS) and Informatica PowerCenter.
- Gained hands-on experience in MySQL, ETL processes, Data Warehousing and data integration.

AICTE Virtual Internship - Cisco Networking Academy

06/2024 - 07/2024

- Completed the "Introduction to Packet Tracer" and "Networking Essentials" courses through Cisco Networking Academy.
- Applied theoretical knowledge in practical scenarios using Cisco Packet Tracer, focusing on network configuration and troubleshooting.

Project Intern - HCLTech

02/2024 - 05/2024 — *Chennai, Tamil Nadu*

- Designed a Quiz App to engage users in interactive quizzes across diverse topics.
- Implemented dynamic features for user interaction, including quiz selection, question attempts, real-time feedback and score tracking.

CERTIFICATIONS

- Digital 101 – Nasscom (August 2024)
- Programming Fundamentals and Salesforce – PWC (July 2024)
- Networking Essentials – Cisco Networking Academy (July 2024)
- Google Cybersecurity Certificate – Coursera (April 2024)
- OCI Certified Foundations Associate – Oracle (March 2024)
- Machine Learning with MATLAB – Mathworks (December 2023)
- Certified Ethical Hacking – TG Cyberlabs (October 2023)