

Professional Summary

Results-driven Data Analyst & AI Trainer with expertise in SQL, Power BI, Python, and Java-based application development. Proven ability to optimize data workflows, automate processes, and enhance AI model performance. Adept at handling data engineering, business intelligence, and application development with a strong focus on automation and efficiency improvements.

Work Experience

Freelancer RLHF AI Trainer | Outlier | [July 2024 -Present]

- Role: Providing **Reinforcement Learning from Human Feedback (RLHF)** to improve AI model performance specifically for the Tamil, English languages.
- Responsibilities: Evaluating **AI model responses against the predefined rubrics** to ensure linguistic and contextual accuracy in Tamil, English
- Providing detailed feedback on model-generated content to enhance the quality and relevance of AI interactions.

TEE & TEE INTERNATIONAL | Data Analyst & Business Generalist | Jun 2021 – Present

- **Performed data cleaning, analysis, and visualization** (including predictive and trend analysis) on sales data to forecast production requirements.
- **Created dashboards and reports** in Excel and Power BI to track KPIs for monthly sales data.
- **Developed detailed reports and interactive dashboards**, enabling effective tracking of marketing performance, sales trends, and key business metrics.
- **Improved efficiency by implementing automation solutions**, reducing repetitive manual tasks.
- **Built quick tools that delivered accurate results for complex logic within seconds**, eliminating a manual process that previously took around six hours.
- **Mentored 20 fresh associates and created 40 educational videos & FAQs**, reducing training time by 35%.
- **Increased weekly lead generation and engagement rates**, acquiring 78% more projects from new customers.
- **Conducted keyword research, wrote technical blogs, and managed social media** to improve online visibility.
- **Provided technical training to team members** on Advanced Excel, Power Query, DAX, Data Analysis, and Visualization.
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COGNIZANT TECHNOLOGY SOLUTIONS | Programmer Analyst | Mar 2014 - Jun 2017

- Project 1: Automated Email Reporting for Managers and Stakeholders

Client: 3M

 - Developed and optimized **stored procedures, triggers, and functions in SQL** for efficient DB operations.
 - Implemented performance tuning strategies for SQL Server and MySQL databases to enhance query execution and system responsiveness.
- Project 2: Database Migration Activities

Client: 3M

 - Migrated SQL scripts from SQL Server 2008 to 2012, ensuring seamless database transition and compatibility.
 - Recreated **SSIS Jobs** to align with SQL Server 2012 standards.
- Project 3: Java Application Enhancement (Front-end & Back-end Development)

Client: 3M

 - Developed and enhanced Java-based web applications **using J2EE (JSP, Servlets), Struts, and JavaScript**.
 - Configured and streamlined application servers, including **WebSphere and JBoss**, for improved performance.
 - Designed and implemented web pages **using JavaScript, CSS, and HTML**.
 - Designed and managed backend database components, including tables, views, stored procedures, and triggers, ensuring data integrity through normalization and indexing for optimal performance.
- Project 4: Microsoft Edge Browser Compatibility Update

Client: 3M

- Enhanced Java applications for **compatibility** with the latest Microsoft Edge browser.
- Refactored legacy code, removed deprecated functions, and improved overall efficiency and security to ensure seamless performance.

Other Activities & Responsibilities:

- Supported business-critical applications, ensuring high availability and minimal downtime.
- Led major production support activities and enhancements for Java-based applications.
- Performed performance tuning and optimizations to improve Java application efficiency.
- Interacted with **US clients** for requirement gathering and provided weekly status updates.

FIRST AMERICAN PVT. LTD. INDIA | Title Specialist | Oct 2012 - Mar 2014

- Managed property title reviews, ensuring accuracy and compliance with legal standards.
- Training and guiding teams to handle the tasks without errors

Certifications

- Business Intelligence using Power BI by Skill Nation

Skills

- **Databases:** MS SQL Server, Oracle, MySQL
- **Programming Languages:** SQL, Java, Python, HTML5, CSS, JavaScript
- **ETL & Data Integration:** SSIS, SQL Database Mail
- **Tools & Frameworks:** J2EE (JSP, Servlets, Struts)
- **Business Intelligence & Visualization:** Power BI (DAX, Power Query), Tableau, Excel (Power Query, VBA, Pivot Tables)
- **Application Servers:** IBM WebSphere, JBoss
- **Other skills:** Data Engineering, Automation, Performance optimization, technical training & mentoring

Awards & Recognitions

- Innovation Champion Award - 2023
- Team warrior Award – 2016
- Top Performer of the month – 2014

Education

B.E. (ECE)	2008-2012	Mahendra Engineering College ANNA UNIVERSITY CHENNAI	85.6%
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Interests & Activities

- Enthusiast in **solving puzzles** and **problem-solving activities**.
- Strong **teamwork, communication, and quick learning abilities**.
- Training computer skills, Programming skills and SQL querying.
- YouTube video making and editing.