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Accomplished Data Scientist | Database Expert | Thought Leader

An accomplished Data Scientist with a remarkable 18-year journey in the IT landscape, enriched by 8 years of exceptional expertise in Data Science, Database Training/Teaching. Revered as the visionary author behind ['Structured Query Language For all RDBMS and PL/SQL'](#). Proficient across Data Science, Machine Learning, Deep Learning, NLP, Data Visualization, and Database design on platforms including Oracle, SQL Server, MongoDB, AWS, Azure, Exalead, Couchbase, DataRobot, PowerBI, and MySQL. Command over programming languages: Python, PySpark, ColdFusion 18, Ajax, HTML, Bootstrap, JavaScript.

Key Highlights:

Machine Learning to Deep Learning: ISRO's transformative journey.
Data Science Mastery: Flawless 100% score in 2020-2021 deployment.
IBM Cloud Certified: 93% in Cloud Computing (May 2013).
Oracle Accolades: 1ZO-146 (96%), 1ZO-147 (95%), 1ZO-007 (84%).
Database Administrator: Oracle Database 11g Administrator Certified Associate (April 2012).

Work Chronicle:

Data Scientist IT-CTO: Toll Technology (August 2022 - Present)
Data Scientist Manager: Dassault Systems Pune (October 2010 - July 2022)
Internal SQL Server Trainer: Dassault Systems Pune (Since October 2010)
Reviewer: McGraw Hill Pvt. Ltd. Publication
Associate-Software: Synechron Pune (August 2010 - September 2010)
Consultant (Software Developer): R-System Pune (April 2010 - June 2010)
Team Lead: Team Group, Bangalore (April 2008 - March 2009)
Software Developer: C.C.S.E (October 2006 - April 2008)
Post Graduate Teacher: Kendriya Vidyalaya (May 2004 - October 2006)
Faculty: Sikkim Manipal University, Varanasi (June 2004 - March 2005)

Innovative Projects:

Emission Data Analysis Role: Data Scientist Project Manager
Environment: Python, ML, Oracle Data Lake, Azure, Power BI
Description: Processed supervised data to analyze fuel emissions across locations, using time series insights and predictive modeling.

Pick Face Optimization Role: Data Scientist Project Manager
Environment: Python, ML, Oracle Data Lake, Azure, Power BI
Description: Enhanced Lindt's pick face strategy by analyzing recipient, shipment, and stock data with predictive time series modeling.

Employee Churn Reduction Role: Data Scientist Project Manager
Environment: Python, ML, Data Lake, Azure, Power BI
Description: Predicted and mitigated employee churn through supervised analysis, utilizing time series data across locations.

Space Station Module Design **https://www.youtube.com/watch?v=HEDSZJ58BtA** Role: Chief Dreamer
Environment: Web Scraping, Python, ML, 3DEXPERIENCE Platform
Description: Visualized module themes and led team coordination for a space station project.

Dispatch & Cloud Checker Models Role: Data Scientist Manager
Environment: Python, NLP, Oracle Data Lake, exalead Cloud, 3DEXPERIENCE Platform
Description: Extracted insights from unsupervised data to enhance dispatcher accuracy and cloud operations.

Topic Modeling Insights Role: Data Scientist Manager
Environment: NLP, Cloudera Spark, Python, Oracle, Couchbase, exalead Cloud, NiFi, 3DEXPERIENCE Platform

Description: Uncovered significant insights through topic modeling in unsupervised data.

BR Sensitive Words Analysis Role: Data Scientist Manager
Environment: Cloudera Spark, Python, Oracle, Couchbase, exalead Cloud, NiFi, 3DEXPERIENCE Platform
Description: Processed and visualized BR content to identify and clean sensitive words.

Knowledge Base Enhancement Role: Data Scientist Manager
Environment: Data Science (Python, pyspark, oracle, Couchbase), exalead Cloud, NiFi, 3DEXPERIENCE Platform
Description: Predicted customer search patterns, creating insightful dashboards for informed management decisions.

MTBF Improvement Initiative Role: Data Scientist Manager
Environment: Data Science (Python, mongo db, AWS), K-means Clustering, 3DEXPERIENCE Platform
Description: Reduced MTBF percentage by utilizing data-driven insights and predictive modeling.

Employee Workload Forecasting Role: Data Scientist Manager
Environment: Data Science (Python, SQL Server, mongo db), 3DEXPERIENCE Platform
Description: Predicted employee workloads, optimizing project planning and resource allocation.

Employee Remuneration Prediction Role: Data Scientist Manager
Environment: Data Science (Python, SQL Server, Oracle), 3DEXPERIENCE Platform
Description: Forecasted employee remuneration trends, contributing to strategic decision-making.

Conceptual Search Enhancement Role: Data Scientist Manager
Environment: Data Science (Python, mongo db, PyCaret), 3DEXPERIENCE Platform
Description: Improved search functionality, providing predictions for high-severity issues.

Software Performance Reporting Role: Development Manager
Environment: ColdFusion 18, SQL Server 2016, Data Analysis, Data Visualization
Description: Enhanced performance reporting system, ensuring optimal software functionality.

New Business Front End Development Role: Database Developer
Environment: Domino Server, Oracle 10g, PLSQL, PL SQL Developer
Description: Developed Loan Origination System, streamlining proposal processing and interfacing with scoring and receivable systems.

New Application Processing System Role: Developer
Environment: VB, Oracle 10g, PLSQL, Crystal Report
Description: Created application processing system, optimizing credit card proposal workflows and interactions with third-party systems.

Education:
Master of Computer Applications (M.C.A), 2007 - 60%

Skills:
Data Science, Machine Learning, Deep Learning, NLP, Data Visualization, Database Design
Python, PySpark, AWS, Azure Synapse, Exalead, Couchbase, DataRobot, PowerBI, MySQL
ColdFusion 18, Ajax, HTML, Bootstrap, JavaScript, Oracle, SQL Server, MongoDB

Languages:
English (Fluent), Hindi (Fluent)

Notable Achievements:
- Honored Chief Guest & Session Chair, "Applied Soft Computing and Data Mining" State Level Conference, Parvatibai Genba Moze College of Engineering, Pune.
- Expert Panel Member, pre-submission seminar on "Determinants of Blockchain Adoption in Supply Chain Management," SP Jain School of Global Management.
- Recipient of Multiple Spot Awards, Kudos, Hackathon, and Techathon Awards for innovation and excellence.