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### **Accomplished Data Scientist | Database Expert | Thought Leader**

An accomplished Data Scientist with a remarkable 19-year journey in the IT landscape, enriched by 8 years of exceptional expertise in AI, 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, Open AI, 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.

**Upcoming next book "Mastering Python" in international market.**

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### **Key Highlights:**

**Generative AI for Everyone:** Coursera (90%)

**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).

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### **Work Chronicle:**

**Director:** Capgemini (27<sup>th</sup> Nov 2023 - Present)

**Data Scientist IT-CTO:** Toll Technology (August 2022 – 26<sup>th</sup> Nov 2023)

**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)

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### **Innovative Projects:**

**Global Green House Carbon Emission** Role: Data Scientist Project Manager

Environment: Python, ML, Oracle Data Lake, Azure, Power BI

Description: Processed supervised data to analyse fuel emissions across locations, using time series insights and predictive modelling.

**Subcontractor Fraud Detection** Role: Data Scientist Project Manager

Environment: Python, ML, Oracle Data Lake, Azure, Power BI

Description: Anomaly detection for subcontractor bill claim.

**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 analysing recipient, shipment, and stock data with predictive time series modelling.

**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 Modelling 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.

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## Education:

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

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## Skills:

Data Science, Machine Learning, Deep Learning, Open AI, 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

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## Languages:

English (Fluent), Hindi (Fluent)

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## 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.
- Guest Lecturer as industry expert at MIT college Pune.

- Guest Lecturer as industry expert at Pimpri Chinchwad College Of Engineering, pune.