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| Date of Birth: April 29, 1984 | **Languages:** English, Hindi | **Education:** M.C.A, 2007 - 60%

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

An accomplished Data Scientist with a remarkable 20-year journey in the IT landscape, enriched by 10 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](#)'.

**Upcoming next book "Mastering Python" in international market (in April 2024).**

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### **Skills:**

**Data Science, Machine Learning, Deep Learning, AI, NLP, Open AI, Data Visualization**

**Database:** Oracle, SQL Server, MongoDB, MySQL, Couchbase

**Platform/tool:** AWS, Azure, Databricks, Exalead, Nifi, DataRobot, PowerBI

**Programming Languages:** Python, PySpark, ColdFusion 18, Ajax, HTML, Bootstrap, JavaScript.

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### **Key Highlights:**

**Generative AI for Everyone:** Coursera (90%), Vertex AI course from Google, Azure AI (MS)

**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)

**Faculty:** Sikkim Manipal University, Varanasi (June 2004 - March 2005)

**Post Graduate Teacher:** Kendriya Vidyalaya (May 2004 - October 2006)

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### **Innovative Projects:**

**Labour Forecasting:** Data Scientist Director, Environment: Python, ML, Sql server,

Description: Forecasting short term labour needs

**Root cause analysis and anomaly detection:** Data Scientist Director

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

Description: Analysis on profitability data to get root cause for Up trading, down trading and anomaly detection

**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 the globe, 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, 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 for optimizing credit card proposal workflows and interactions with third-party systems.

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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.