Mohit Bhatnagar
(Vice President)

PERSONAL DETAILS
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TECHNICAL SKILLS
- Cloud & Distributed Computing
- Big Data
- Rdbms
- NoSQL
- MPP
- ETL
- Data lake/ELT
- Oracle Golden Gate
- Oracle Coherence
- Data Modelling & Design
- Data Architecture
- Data Analytics
- Database Administration
- Data warehousing/OLTP

SOFT SKILLS
- Cross-Team Functionality
- Effective Communication
- Leadership & Mentoring
- Strategic Planning
- Project Management
- Conflict Resolution
- Team Building & Coaching
- Creativity
- Problem Solving
- Time Management
- Adaptability
- Problem Solving

EDUCATION
Master of Computer Application - 2007
(Sikkim Manipal University)
Oracle Database Course - 1998
(Oracle University)
UNIX, C, C++ Course – 1996
(ET & T)
Diploma in Systems Management – 1994
(NIIT – Thru Scholarship)
Bachelor of Science – 1993
(MJP Rohilkhand University)

CERTIFICATIONS
- Earned Certification of Amazon Web Services (AWS) Essential Training from Lynda
- Earned Certification Data Modelling[DS220] from Data Stax Academy

SUMMARY
->Passionate technologist seeks leadership/management opportunities. Over 15 years of experience in managing teams across different geographies and supporting business functions/stakeholders
->Presently working as a VP with leading international bank in Bangalore for last over 3years supporting ML curation
->10+ years of data analytics experience with key emphasis on the trending Big Data & Cloud Technologies.
->Expertise on deep knowledge of data governance, data quality & data management
->Architected, design & develop Big Data Solutions practice including set up Big Data Road map, build supporting infrastructure.
->Expertise on designing data lakes, ETL/ELT pipelines and data models
->Excellent understanding of Hadoop architecture and underlying framework including storage management
->Extensive experience in data modeling, data architecture, data warehousing & business intelligence
->Experience in writing UNIX shell/SQL scripts and PL/SQL Stored Procedures, Functions, Views and Triggers
->Experience in Handling Huge volume of data in/out from Teradata/Big Data and data replication using Oracle Golden Gate.
->Excellent technical and analytical skills with clear understanding of design goals of ER modeling for OLTP and dimension modeling for OLAP.
->Experience with the Spark improving the performance and optimization of the existing algorithms in Hadoop using Spark Context, Spark-SQL, Data Frame, Pair RDD's, Spark YARN
->Extensive knowledge in programming with Resilient Distributed Datasets (RDDs)

TECHNOLOGIES
Hadoop /Big Data: Sqoop, Oozie, Flume, Scala, Akka, Kafka, Storm, Map Reduce, HDFS, Hive, Pig, HBase, Zookeeper.
Data Modeling/Tools: Golden Gate, Erwin and ER Studio
No SQL Databases: Cassandra, Hive, Hbase, Mongo DB, Dynamo DB, Cosmos DB, Couch DB & IBM Cloudant
Frameworks: MVC, Struts, Springboot, Hibernate.
Operating Systems: UNIX, Linux, Windows, Centos, Sun Solaris.
Databases: Oracle 12c/11g/10g/9i, MS SQL, PostGres, MySQL, Redis and Oracle Coherence, Teradata, Sybase, FoxPro, DBase
Languages: PL/SQL, HQL, PySpark, SQL, COBOL, C, C++

EXPERIENCE
JP Morgan Chase
Vice President – ML Curation & Asset Wealth Management
Jun2020 - Present

- Lead for ML Curation architecture team
- Deliver results as per stakeholder's expectations
- Deliver curated data for Model training & development activities
- People Manager
- Partnership with HR as Interviewer to hire best talent

Mu-Sigma
Apprentice Lead
August 2019 - January 2020

- Led teams of software developers, architects, QA and database designers on Big Data & Cloud Technologies.
- Big Data Trainer

Dell International Services [Contract/Collabra Technologies Pvt Ltd]
Principle Software Engineer October 2018 - August 2019

- Written workflows to pull data from NoSQL environment to RDBMS environment
- SNMP Enablement/SNOW Integration

- Earned Certification of Advanced No SQL for Data Science from Lynda
- Earned Certification of Apache Spark Essential Training: Big Data Engineering from Lynda
- Earned Certification of Data Science Foundations from Lynda
- Earned Certification of Cassandra Data Modelling Essential Training from Lynda
- Earned Certification of Big Data Foundations: Fundamentals from Lynda
- Earned Certification of Predictive Data Modelling from Big Data University
- Earned Certification of Cloud Computing Concepts from Big Data University
- Earned Certification of No SQL and DBaaS from Big Data University
- Earned Certification of Data Science Methodology from Big Data University
- Earned Certification of Hadoop from Big Data University
- Earned Certification of UNIX, C & C++ from ET & T
- Earned Certification of Oracle Performance Tuning from Oracle Singapore
- Earned Certification of Oracle Backup & Recovery from Oracle Singapore

- Written SQL scripts, Stored procedures, views and functions
- Provided RCA for issues along with solutions
- Designed databases for OLTP/Data warehousing environments
- Spark/Solr Cluster Management
- Engagement with DataStax on Working Sessions/Follow ups.
- Performed addition of nodes to the existing production DSE Cassandra clusters to balance the load across the ring
- Enabled JMX, SPARK & SNMP to the Staging, Test and Production clusters on DSE Cassandra
- Performed Commissioning and De-commissioning of Nodes on DSE Cassandra Designed compaction & Backup/Recovery strategies on very huge data volumes on Cloud/SAN storage using OpsCentre
- Performed installation & Upgrade of OpsCentre
- Designed Time Series Data Model for optimized distribution of data across buckets on Cassandra Clusters having multi-TB in size
- Performed POC on Cassandra Stress Tool to generate high volume of data for performing stress testing before Holiday Readiness
- Successfully upgraded MongoDB shard cluster & OpsCenter from 3.2 to 4.0 Installed Postgres and migrated database from MySQL using migration tool-kit. Designed and deployed backup scripts across all PostgreSQL servers.
- Planned storage expansion on cassandra clusters and implemented the configuration changes on pre-production environments

Sapient
Specialist/Manager
October 2006 - October 2018

- Designed and developed data flow/solution architecture with flexible schema to handle structures/unstructured data for real time and batch processing using Oracle, Mongo DB, Hive, Sqoop, Spark, shell script, Python, Avro, Kafka etc. in HDFS and Linux
- Architect the data layer for real time data replication [in memory caching] using Oracle Coherence 12c/Oracle Golden Gate
- Designed schema & written SQL scripts using Postgres Database on Heroku platform [PaaS] for MVP-Pilot Utopia Project.
- Worked closely with different business teams to gather requirements, prepare functional and technical documents and UAT Process for Creating Data quality rules in cosmos & Cosmos Streams
- Redesigned distributed copy logic using Cosmos DB to optimize latencies, supported underlined back-end Azure storage for database engine
- Designed Data Marts and upgraded 4 node database clusters from Oracle 10g to Oracle 11g and Oracle Golden Gate 10g to Oracle Golden Gate 11g for telecom client SPRINT
- Identified suitable cost-effective software products by exercising POC to architect the data pipe lines for EDM & CDM data store

Catalytic Software
Lead DBA/SME
October 2005 - May 2006

- Led the DBA group and provide guidance to the developers to manage the Datawarehouse
- Designed and developed common services for activity management and a framework for scalable batch processing
- Implemented best practices and processes to achieve higher standards
- Increased reliability of data, decreasing errors by 40-50%
- Documented data classification approach w.r.t to HIPAA and PII data standards

Airtel Enterprise Services
Manager Operations
March 2005 - September 2005

- Orchestrated data center moves in Chennai & Mumbai region
- Enhanced internal communication between all data centers yielding improved collaboration, process alignment and decreased inconsistency across the enterprise
- Developed 5year strategic data center plan including capacity forecasts and capital investments
- Designed annual training for IT staff working in data center
- Manage multiple vendors providing facility maintenance and repair, cleaning, power installation & cabling
- Supported all existing and new hardware technology in the data center
- Enhanced interna communication between all Data Centers yielding improved collaboration, process alignment and decreased inconsistency across the enterprise globally

Stingray Technologies
Lead DBA
March 2003-March 2005

- Performed all Database Administration processes including backup/recovery, security, database creation & configuration in standalone and clustered environments
- Prepared coding standards and database performance improvement guidelines
- Designed relational/dimensional databases (logical/physical data model) and ETL processes
- Designed oracle database architecture to enhance performance that include partitioning, indexing, stats gathering etc; Developed complex stored procedure
- Provided 24/7 on call support for various DBA activities including troubleshooting performance issues, CDC, golden gate replication, data guard, backup recovery etc.
- Diagnosed problems and provided solutions to capacity and resource issues
- Reduced database escalations 75% by resolving issues prior to development involvement
- Reduced object analysis time 50% by developing database audit tool used to check code versions
- Created scripts for database backup, recovery, monitoring.
- Installed all Oracle databases and OEM tools on Solaris and Win2K environments
- Created 100+ defect change requests reflected in code patches and hotfixes

Xavient Technologies
Lead DBA
June 2002 – January 2003

- Configured and optimized a shared environment for many databases
- Architected Oracle Fail safe environments for site critical databases, including configurations, failover testing, tuning, creating standards etc.
- Supervised application of One-Off, patch sets and PSU patches Oracle patches for 10g RDBMS and cluster wares
- Designed processes and procedures, setting up standards, creation of scripts for installation of Oracle Server software, creation of databases, setup backup using RMAN, DR solutions using tape backup.
- Optimized the downtime for maintenance by coordinating with the different application teams involved in the maintenance activity
- Coached DBAs and Developers to be more efficient with Oracle/SQL Server
- Produced a prototype of many BI projects

Singapore Power Ltd
Systems Analyst
Feb 2001 – June 2002

- Analysing project requirements and recommending technical solutions
- Designing data bases, data dictionary criteria, and interfaces between systems
- Developing strategies for sharing, storing, and retrieving large-volume and confidential data
- Monitoring and supporting various systems and tracking performance and stability
- Supervising, guiding, and mentoring project teams and prioritizing tasks
- Preparing and providing training to end-users and IT staff

Accenture
Programmer
March 2000 – January 2001

- Reengineered multiple systems that fuelled improvements to productivity, efficiency, uptime and accuracy for global business operations. Developed code, system design and test/QA plans for all solutions and often coordinated the national rollout.
- Led, architected and participated in the design, testing and deployment of client/server, multitier applications, ActiveX and related components
- Developed new procedures for requirements gathering, needs analysis, testing, scripting and documentation to strengthen quality and functionality of business-critical applications
- Trained and mentored junior programmers in programming methodologies and best practices
- Served as core group member in defining and prioritizing technology investments for the next two years, ensuring the alignment of process technology and business objectives

Maxis
Consultant
July 1999 – January 2000

- Led solutions engineering that involved process automation, macro conversion and functionality enhancement. Replaced time-consuming, error-prone manual processes with elegant, automated solutions.
- Developed and implemented cross-platform, Java-based POS system. Completed project under budget and three weeks ahead of deadline.
- Coded new solutions that increased availability and scalability by 45% and 75%, respectively.
- Led programming tasks including enhancements, maintenance and support for clients' applications and interfaces.
- Engineered software products, handling complex analysis and intricate programming to meet project requirements

ICIL
Consultant
November 1998 – May 1999

- Planned and managed implementation of software solutions for clients
- Performed system analysis and design, configured, tested and integrated data management systems
- Managed system architecture, analysis, programming, debugging and configuration
- Analysed business processes and suggest computer programs to make those processes more functional
- Coordinated with other consultants to find more suitable solutions
- Provided on-site training to company personnel

| | • Coordinated project execution and monitored its progress
• Provided technical support to cross-functional teams
• Ensured total security to all application installed at clients' places

CAPART
Analyst/Programmer
January 1997 – November 1998

• Designed and developed the GUI for the application using Oracle Forms 4.5 & Oracle Reports 2.5
• Created, programmed and implemented procedures for processing and categorizing large data sets to extract meaningful data
• Provided end-user training and maintenance support
• Engineered test cases and implemented test procedures as a part of defect prevention and quality control
• Involved in preparation of test plan, review process and sign-off with clients and on shore team
• Got promoted to Senior Programmer position in the span of 8months for my exceptional performance in the project

Nagarjuna Finance
Systems In Charge
Sep 1995 – Nov 1996

Pustak Mahal
Programmer
Jun 1995 – Aug 1995

Penam Labs Ltd
Jan 1994 – May 1995 |