 

**Santosh Kumar Shobharam Sharma**

***B.E, Information Technology, 15 Years’ Experience***

***AWS Architect at Infocepts Technologies Pvt. Ltd.   
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***Professional Summary***

I have total **15 Years’ experience** in various technologies and 7+ years’ experience in solution design for cloud-based IT solutions and multiple native applications.

**My achievements in area of Cloud Solutions:**

* Experience in Managing Cloud DB infrastructure of Ralphlauren, MacDonald’s and Nordea, Sweden which is a global QSR, Retail and Bank serving million customers daily
* Expert in providing **Cloud solutions and architecture**
* Understanding various non-functional aspects AWS cloud design and provide a solution to optimize performance, scalability, etc.
* Expert indesign, migration and implementations
* **Expert in doing Automation using latest technologies like Lazarus, Python, Unix Shell Scripting, JAVA, AWS Lambda etc and other AWS Services**
* Created many cost saving automation tools
* Expert in **Performance tuning** SQL Queries on **AWS Redshift Database and MS SQL**
* Strong understanding across infrastructure components server, storage, network, data, and applications to deliver end to end Infrastructure architectures and designs
* Voice of customer: Received Rating 4 in OTACE for H1-2018 in Capgemini
* Active member of AWS Interview Panel and Training
* Independently can handle team, good communication skill
* Experience in AWS Cloud Architect, Data Analyst, Software Development, Implementation & Integration, Code Migration, Technical Operations, Incident and Problem management and Team Management
* Has in-depth knowledge of AWS key services like AWS EC2, ECS, Auto Scaling, VPC, Transit Gateway, VPC peering, S3 Storage, EFS, RDS, Route 53, API Gateway, Cloud Watch, Cloud Trail etc and AWS Glue .
* Good level of experience with designing and migrating applications to the cloud
* Strong scripting skills (Python, Delphi, Shell Scripting)
* ***Certification: Teradata 141 and ITIL V3***
* *Overseas Experience: Singapore, Ethiopia and Zimbabwe*
* *Domain Knowledge: Telecom, Banking, Mortgage, Stock Market, Banking, Electronics & Market Research*
* *Possess excellent interpersonal, communication and analytical skills with demonstrated abilities in customer relationship management*

Skills Profile

Technical

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| **Operating System** | Microsoft Windows, Linux, Android, IOS |
| **Environment** | Cloud and On-premises Client Server Model |
| **Database** | AWS Redshift, PostgresSQL, Teradata, Oracle, MS SQL Server, Hadoop and Snowflake |
| **AWS Services** | EC2, S3, Cloudwatch, Redshift, RDS, IAM, AWS API Gateway, AWS Glue, AWS Fargate, EKS, ECS, ECR, |
| **Internet Tools** | HTML, Java Script, VB Script, ASP.net and CSS, React Js, Postman, REST API |
| **Languages** | Delphi, Python, .NET, C, C++ and JAVA |
| **Secondary Skills** | Big Data (Hadoop), R-Programming, Unix Shell Scripting, Tableau and Talend, DevOps |
| **Other** | Data Modeling, UML, Configuration, Incident and Problem Management, Device Programming, Mobile Communication, Finance, FMCG |

Functional

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| **Management and Leadership Skills** | Preparing technical solution and architecture documents, artifacts, work products, and presentations |
| **Training & Development** | Trains Freshers on databases and programming languages as on required |

Professional Experience (In Reverse Chronological Sequence)

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| **Organization Name** | InfoCepts Technologies Pvt Ltd |
| **Client Name** | Ralph Lauren |
| **Project Name** | Ralph Lauren |
| **Project Duration (From & To in Month/Year Format)** | From Nov 2020 till now |
| **Role/Title** | AWS Architect |
| **Work Location** | Mumbai |
| **Role and Responsibilities** | * Solution design for cloud based IT solutions and multiple native application * Discuss and explain technical aspects of the Datawarehouse / Database solution architecture, including the technology used and the methodology followed * Preparing technical solution and architecture documents, artifacts, work products, and presentations Understanding various non-functional aspects in design and provide a solution to optimize performance, scalability, etc. * Architecting and designing the new solution implementations to co-exist / supplement the current application landscape |
| **Operating Systems** | Microsoft Windows |
| **Software / Special Tools** | RDS, Coudwatch AWS Redshift, EC2, Aurora, Dynamo DB, API Gateway, S3 |
| **Database** | AWS Redshift, MS SQL, PostgreSQL, Aurora |

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| **Organization Name** | XL Dynamics |
| **Client Name** | Sunsoft |
| **Project Name** | Sunsoft |
| **Project Duration (From & To in Month/Year Format)** | From July 2020 till now |
| **Role/Title** | AWS Solution Architect |
| **Work Location** | Mumbai |
| **Project Description** | Sunsoft : Application for Processing Loan Process |
| **Role and Responsibilities** | * Solution Architecting on AWS Cloud * AWS API Gateway * Rest API * Automation * Integrating with third party tools * **API Gateway using JAVA** |
| **Operating Systems** | Microsoft Windows |
| **Software / Special Tools** | AWS API Gateway, Rest Server, Postman, Git, Jira, JS Code, Unix, Python, Shell Scripting, Excel Macros |
| **Database** | REST API ( Oracle ) |

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| **Organization Name** | Capgemini India Pvt Ltd |
| **Client Name** | MacDonald’s Corporation |
| **Project Name** | MacDonald’s |
| **Project Duration (From & To in Month/Year Format)** | From June-2017 till June 2020 |
| **Role/Title** | Team Lead (Sr. Consultant) |
| **Work Location** | Mumbai |
| **Project Description** | Macdonald’s Datawarehouse hosted on AWS cloud. Used for data analytics and marketplace and self-service analytics |
| **Role and Responsibilities** | * *Preparing technical solution and architecture documents, artifacts, work products, and presentations Understanding various non-functional aspects in mobile application design and provide a solution to optimize performance, scalability, etc.* * *Migrating existing on-premises application to Cloud platforms of AWS* * *Create and Manage Users, Roles, Grants, Access, Database Schema design, Tuning table design, query plans, Compression, Distribution styles, Indexes, Views, and other database objects, etc.* * *Architecting and designing the new solution implementations to co-exist / supplement the current application landscape* * *Based on statistics, make recommendations to maintain and improve database capacity and system performance* * *Analyze user requirements, procedures, and problems to automate or improve existing systems and review computer system capabilities, workflow, and scheduling limitations* * *Automate solution deployments* * *Discuss and explain technical aspects of the mobile/web application solution architecture, including the technology used and the methodology followed* |

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| **Organization Name** | Capgemini India Pvt Ltd |
| **Client Name** | TeliaSonera |
| **Project Name** | TeliaSonera |
| **Project Duration (From & To in Month/Year Format)** | Feb-2017 to May-2017 |
| **Role/Title** | Team Lead (Sr. Consultant) |
| **Work Location** | Mumbai |
| **Project Description** | Data warehouse Management |
| **Responsibilities** | * *Solution design for cloud based IT solutions and multiple native application* * *Performance tuning and optimization.* * *Determine strategies for disaster recovery and high availability* * *Python, stored procedures, triggers, SQL and lambda serverless for automation, and for suggestions for process improvement.* * *Preparing technical solution and architecture documents, artifacts, work products, and presentations Understanding various non-functional aspects in mobile application design and provide a solution to optimize performance, scalability, etc.* |
| **Operating Systems** | Microsoft Windows |

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| **Organization Name** | Capgemini India Pvt Ltd |
| **Client Name** | Nordea |
| **Project Name** | Nordea |
| **Project Duration (From & To in Month/Year Format)** | Dec-2013 to Jan-2017 |
| **Role/Title** | Team Lead (Sr. Consultant) |
| **Work Location** | Mumbai |
| **Project Description** | *24\*7 support in Data Warehouse Management for Nordea Bank based on Sweden which is currently serving over 10 million personal customers and more than half million corporate customers in Nordic region* |
| **Responsibilities** | * *Create and Manage Users, Roles, Grants, Access, Database Schema design, Tuning table design, query plans, Compression, Distribution styles, Indexes, Views, and other database objects, etc.* * *Data Loading/Unloading best practices, bulk inserts, Copy, etc.* * *DB development, code review, performance analysis, fine tuning, root cause analysis and supervising implementation in production.* * *Performance tuning and optimization.* * *Implemented diff types of join Index’s, which helps optimizer to generate better Explain plans, for complex join conditions.* * *Responsible for work assignments, commit the team to the work, manage the quality of the work and drive the people management activities within the team* |
| **Operating Systems** | Microsoft Windows |
| **Software / Special Tools** | AWS Redshift, Teradata, Viewpoint, QA, Remedy |
| **Languages** | SQL, PostgreSQL, Unix, Python, Shell Scripting, JAVA |

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| **Organization Name** | Bhilwara InfoTechnology Ltd (Tech Manhindra) |
| **Client Name** | *Telefónica UK Limited* |
| **Project Name** | O2 |
| **Project Duration (From & To in Month/Year Format)** | May-2013 to Nov-2013 |
| **Role/Title** | Associate Tech Specialist |
| **Work Location** | Pune |
| **Project Description** | *Magnet IPD is a Structured planning and data build tool developed to produce files that show planned changes to the live network. A centralized database that planners can use when creating various types of plans following stringent rules.* |
| **Responsibilities** | * *Development and Database management* * *Updating code changes and unit testing of the same.* * *Writing of Programming Tasks-Stored Procedures, Triggers, Cursors using Oracle* * *Involved in Physical Data Modeling and application development.* * *Deployed LTE related technology/ changes in application and database.* * *Good experience in writing business logic codes using PL/SQL in backend.* * *Developed Semantic View logics for BI Business team.* * *Handled performance SQL Tuning, Query.* * *Involved in giving technical trainings to fresher.* * *Involved in Technical decisions for Business requirement, Interaction with Business Analysts, Client team, Support team* |
| **Operating Systems** | Microsoft Windows |
| **Software / Special Tools** | Delphi, Oracle, MS SQL, Toad |
| **Languages** | SQL, Delphi, Pascal |

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| **Organization Name** | Reliable Software PVT Ltd |
| **Client Name** | Stock Market Traders, Agents |
| **Project Name** | Falcon 7 |
| **Project Duration (From & To in Month/Year Format)** | *Nov-2011 to Apr-2013* |
| **Role/Title** | Sr. Software Engineer |
| **Work Location** | Mumbai |
| **Project Description** | *Falcon7 helps you create a system for trading. It is a framework for developing trading systems so that user can objectively engage in taking profits by doing technical analysis of the market* |
| **Responsibilities** | * *Database management.* * *Development and Testing application.* * *Team management.* * *Storing live data stock data in database and its management.* * *Developed APIs for pulling live data from database and reflecting on user screen.* * *Implemented various Stock market strategies and studies in the software used by the customer for analyzing the performance of their portfolios.* * *MS SQL data administration* |
| **Operating Systems** | Microsoft Windows |
| **Software / Special Tools** | Delphi, MS SQL, Oracle |
| **Languages** | Delphi pascal |

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| **Organization Name** | InfraSoftTech |
| **Client Name** | SDC Bank |
| **Project Name** | OMNIEnterprise |
| **Project Duration (From & To in Month/Year Format)** | *Dec-2010 to Nov-2011* |
| **Role/Title** | Associate Consultant |
| **Work Location** | Mumbai |
| **Project Description** | *InfrasoftTech developed OMNIEnterprise™ which is an nTier& STP enabled integrated enterprise wide solution, built on SOA principles. The solution provides uniquely crafted front office application for different financial services segments, with a common core back office solution catering to majority of financial industry businesses* |
| **Responsibilities** | * *Responsible for solving the issues from customer support on 24x7 bases.* * *Performed performance Tuning and Administration activities.* * *Involved in the complete re-design of the process flow, starting with design considerations, technical specification and source to target mapping.* * *Setup CTS and RTGS online payment for international banks.* * *Setup Core Banking solution for international clients.* * *Prepared system requirement documents for international banks.* * *Created APIs used for communication between front end application and database.* * *Received Award for outstanding performance for ‘CBS 3.0 Product development’ at InfraSoftTech.* |
| **Operating Systems** | Microsoft Windows |
| **Software / Special Tools** | Delphi, MS SQL, Oracle |
| **Languages** | SQL, Delphi pascal |

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| **Organization Name** | PAN Asia / EDMI Singapore |
| **Client Name** | In House Product |
| **Project Name** | EziView |
| **Project Duration (From & To in Month/Year Format)** | *Feb-2010 to Nov-2010* |
| **Role/Title** | Software Engineer |
| **Work Location** | Singapore |
| **Project Description** | *Software EziView is an interface model for communicating with energy metering equipment, providing a view of the functionality available through the communication interfaces* |
| **Responsibilities** | * *Involved in the complete re-design of the process flow, starting with design considerations and technical specification.* * *Updating code changes and unit testing of the same* * *Project/Task progress status reporting to Stack-holders on regular basis.* * *Performance tuning of SPs for a better execution and response time of electronic meters* * *Coordinating & working with different technical teams to get support & resolve the issues which are involved in this engagement* * *Implemented various metering protocols in application which was used to communicate with the digital electronic meters.* |
| **Operating Systems** | Microsoft Windows |
| **Software / Special Tools** | Delphi, MS SQL, C#.net |
| **Languages** | MS-SQL, Delphi pascal, Oracle |

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| **Organization Name** | IMRB International |
| **Client Name** | In House Product |
| **Project Name** | PulsePlus |
| **Project Duration (From & To in Month/Year Format)** | *Jun-2007 to Jan-2010* |
| **Role/Title** | Systems Executive |
| **Work Location** | Mumbai |
| **Project Description** | *PulsePlus 5.01 is a Powerful and Flexible Windows based analysis package designed to assist Marketers, advertisers & Advertising agencies in their decision making. An extremely versatile package, it is entirely menu – driven and allows several levels of filtering. There are no pre-defined Target Groups / analysis breakdowns. Instead, it allows users to customize the analysis in terms of the Target Audience* |
| **Responsibilities** | * *Software designing, development and testing.* * *Database Management.* * *Automation* * *Involved in creating various reports for clients using Oracle as a database.* * *Contributed towards revenue growth of the project by 50% with a team of three at IMRB.* |
| **Operating Systems** | Microsoft Windows |
| **Software / Special Tools** | Delphi, MS SQL, Oracle, C#.net |
| **Languages** | SQL, Delphi pascal |

Training and Seminars

*Training Conducted: Cloud Computing, AWS Redshift, PostreSQL, SQL, Teradata, Delphi*

*Training Received: Cyber Security, ITIL, PMP, Big Data (Hadoop, Pig, Hive, Hbase, Spark), Tableau, Talend*

Certifications

* Teradata 141 Certified Professional
* ITIL v3

Education

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| ***Educational Record (In Reverse Chorological Order Starting Highest Degree)*** | | | | |
| ***Course of Study*** | ***Specialization*** | ***Name of University*** | ***Address of University*** | ***Year of Completion*** |
| Bachelor of Engineering | Information Technology | Mumbai | Mumbai, Maharashtra | 2006 |
| XII | Science | Maharashtra | Mumbai, Maharashtra | 2001 |
| X | - | Maharashtra | Mumbai Maharashtra | 1999 |

Professional Organizations

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| ***Organization’s Name*** | ***Designation*** | ***Dates of Employment*** | | ***Location (City & State)*** |
| ***From***  ***(DD-MON-YYYY)*** | ***To***  ***(DD-MON-YYYY)*** |
| ***Infocepts*** | *Manager* | *18-Nov-2020* | *Till Now* | *Mumbai* |
| *XL Dynamics* | *Automation Engineer( Sr. Software Engineer )* | *06-June-2020* | *13-Nov-2020* | *Mumbai* |
| Capgemini India Pvt Ltd | Sr. Consultant(DBA) | 12-Dec-2013 | 30-June-2020 | Mumbai, Maharashtra |
| Tech Mahindra(On Payroll of Bhilwara Infotechnology Ltd) | Associate Tech Specialist | 06-May-2013 | 29-Nov-2013 | Pune, Maharashtra |
| Reliable Software Pvt Ltd | Sr. Software Engineer | 08-Nov-2011 | 26-Apr-2013 | Mumbai, Maharashtra |
| InfraSoftTech | Associate Consultant | 20-Dec-2010 | 03-Nov-2011 | Mumbai, Maharashtra |
| EDMI(On Payroll of PAN ASIA / EDMI) | Software Engineer | 01-Feb-2010 | 30-Nov-2010 | Singapore |
| IMRB International | Systems Executive | 01-Jun-2007 | 25-Jan-2010 | Mumbai, Maharashtra |

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