

## SOFTWARE ENGINEER

### Professional Summary

4+ years of IT experience in database design, development and maintenance of SQL Server. Tech savvy individual having special interests and expertise in relational and advanced databases. Team player, deadline driven and quick learner who can absorb new ideas and communicate clearly and effectively. Currently looking for opportunity to join a dynamic, ambitious, growing company that can utilize my current skills and provide an opportunity as database developer to enhance my skills as well as learn new technologies. Software development experience with Agile methodologies, encompassing complete Software Development Life Cycle (SDLC) with Analysis, Design, Development, Integration, Maintenance, Debugging, Reporting and Testing of Client/Server, Multi-Tier and Object Oriented applications. Analyzed Source Systems, Business Requirements, Identify and Document Business Rules for Database Management Systems. Strong in backend database development including writing stored procedures for PostgreSQL, MySQL, Oracle and generating reports using Jasper reports. Extensively used SQL and PL/SQL for development of Procedures, Functions, Packages and Triggers. Proven capability to maintain, trouble shoot and reset SQL Database while keeping Database backup. Systematic understanding of software life cycles, security strategies and restoring methodology. Demonstrated ability of application development as per requirements of the system. Ability to work effectively as an individual and in a team. Understanding the Functional Specifications and the Requirements documents. Strong Oral and written communication skills. Scholastic Profile Masters in Computer Applications (M.C.A), Mumbai University, Mumbai. Bachelors in Information Technology, Mumbai University, Mumbai.

### Skills

- Data management
- Advanced problem solving skills
- Innovative

### Work History

Software Engineer Rue La La - Irvine 01/2011 - 01/2014

- Software development experience with Agile methodologies, encompassing complete Software Development Life Cycle (SDLC) with Analysis, Design, Development, Integration, Maintenance, Debugging, Reporting and Testing of Client/Server, Multi-Tier and Object Oriented applications.
- Analyzed Source Systems, Business Requirements, Identify and Document Business Rules for Database Management Systems.
- Strong in backend database development including writing stored procedures for PostgreSQL, MySQL, Oracle and generating reports using Jasper reports.
- Extensively used SQL and PL/SQL for development of Procedures, Functions, Packages and Triggers. Proven capability to maintain, trouble shoot and reset SQL Database while keeping Database backup. Systematic understanding of software life cycles, security strategies and restoring methodology.
- Ability to work effectively as an individual and in a team. Understanding the Functional Specifications and the Requirements documents.
- Evaluated potential software products based on new and existing system development and migration requirements.

Software Engineer Rue La La 01/2010 - 01/2014

### Database Designer and Developer

- Gathering and analyzing requirements, designing and implementing the SRS, FRD Refining both back-end organization of data and front-end accessibility for end-users Generating database schema based on long term needs and scenarios of users.
- Defining the tables, indexes, views, constraints, triggers, stored procedures, storage parameters, and other database-specific constructs needed to store, retrieve and delete data records using PostgreSQL 9.
- Database related activities such as arranging for backups, creating ad-hoc reports, and Cron jobs for regular activities.
- Implemented, maintained and tested recovery strategies.
- Performing flat file raw data migrations to structured database schema using CSV format with the help of MS-Access Database.
- Developing test database migration procedures and reviewing for the same Coordinator between client and Application development Team.
- Maintaining Data dictionary and documentation.
- Closely worked using Agile methodologies and processes Accomplishments: Received appreciation for excellent performance and commitment for completion of tasks within stipulated deadlines towards the project.
- Environment: PostgreSQL 9.1, MS-Access, MS-Excel.
- 2 Project Name: "National e-Governance Service Delivery Gateway (NSDG)" Project Description: National e-Governance Service Delivery Gateway (NSDG) aims to facilitate interoperability among autonomous and heterogeneous entities of the Government (in the Centre, States or Local bodies) in an asynchronous manner, based on a framework of e-Governance Standards.
- Primary objective of NSDG is to de-link the service providers from service consumers and to enable integration across centre, state and local governments thereby enabling Integrated Services Delivery (ISD).
- Roles and Responsibilities: Worked as a Database Developer in database Team with IT Project managers, Database Programmers and Application Developers.
- Participated in database design and architecture to support application development.
- Installing and testing new versions of the DBMS.
- Develop database objects (Tables, triggers, views and Client side PL/SQL scripts) Creating Roles and Users with various access features to implement security of data.

- Monitoring Database systems / Subsystem for performance issues using Monitoring tools Worked with reporting team for generating and integrating Jasper i-Report Developing, managing and testing back-up and recovery plans.
- Writing database documentation, including data standards, procedures and definitions for the data dictionary (metadata).
- Accomplishments: The integration helped client to seamlessly integrate and deliver high quality of service delivery via query optimization.
- Fixed a critical performance issue by changing appropriate monitoring parameters using monitoring tools.
- Environment: PostgreSQL 8.4, MySQL, VMware Hyperic 4, Jasper i-Report 5.
- 3 Project Name: e-Forms Project Description: There are various government departments providing a variety of services.
- In order to serve these services, they require forms which can be filled by citizens.
- In the changing governance paradigm, E-Forms could be used as a key tool to create a window of opportunity for Indian government to improve its outlook of service delivery to the citizens.
- Roles and Responsibilities: Worked as a Team member with Database team as well as with Application Development Team
- Built security aspect module which ensures that the data should not get tampered.
- This was accomplished by making use of digital certificates and XML signature mechanism in Java.
- Developed and integrated module which facilitates capturing of image via Webcam using Java Media Framework.
- Created module to validate the data before it gets submitted and revalidates before actually inserting into the database which was achieved by use of XSD in Java.
- JSP pages and Java Classes creation.
- Monitoring database activities with VMware Hyperic monitoring tool.
- Accomplishments: The security mechanism developed was later incorporated for every project where data dealing is with Application via Network.
- Environment: Java, JSP, Servlet, JMF, XSD, VMware Hyperic.
- 4 Project Name: IIT-Joint Entrance Exam 2011 and 2012- Online Application Service Project Description: Online Web Application Service for the biggest entrance exam conducted in India in terms of number of applicants.
- Main focus of this project was to secure & maintain the accurate data filled online by more than 500,000 applications.
- Roles and Responsibilities: Worked as a Database Developer and Application Developer.
- Designed, Configured tested and deployed PostgreSQL database from development to production.
- Scheduled backup and restoration jobs using latest feature of PostgreSQL Database version with Hot Standby mechanism.
- Monitored database activities with VMware Hyperic monitoring tools.
- Implemented Reports as per the requirements of Client with i-Report (JRXML).
- Involved in development Programming in Java Technology especially with JSP and Servlet.
- Accomplishments: Received appreciation for handling critical and high volume data.
- Environment: PostgreSQL 9.1, VMware Hyperic, Jasper-iReport, Core Java, JSP, HTML.
- Faculty Experience: For C-DAC Courses Subjects Delivered: Database Management Systems, Software Engineering.
- Lab Sessions: Conducted Lab Practical sessions for relevant subjects.

#### Education

Master in Computer Application : Computer Application University of Mumbai - City , State 2011

Bachelor of Science : Information Technology University of Mumbai - City 2008

#### Skills

ad, Agile, aims, Application Development, back-up, backup, C, Crystal Reports, Client, Data dictionary, data migration, Database Management, Database, database design, DBMS, Delivery, designing, documentation, Eclipse, Electronics, fashion, features, focus, Forms, functional, Gateway, Government, HTML, image, Information Technology, Inventory, Inventory Management, Java, JSP, Java Script, Languages, Linux, managing, access, MS-Access, MS-Excel, MS Office, outlook, window, Windows XP, migration, MIS, MySQL, Network, Operating System, optimization, Oracle, Developer, PL/SQL, Postgres, PostgreSQL 8.4, PostgreSQL 9.0, PostgreSQL 9.1, PostgreSQL, PostgreSQL 9, processes, Programming, quality, RDBMS, Relational Database design, reporting, research, Servlet, scripts, Software Engineering, SQL Server, SQL, structured, Tables, transaction processing, Troubleshoot, Visio, vision, XML