**Professional Summary**

* Experience in database programming in SQL, PL/SQL, Forms, Reports and Advanced PL/SQL using Oracle databases.
* Compiled SQL\*Loader Scripts to migrate the data from the text files, Excel Spreadsheet etc. and populated the intermediate tables.
* Involved in designing numerous Oracle Forms and Reports.
* Expertise on designing and implementing Oracle Alerts and Lookups.
* Data Analysis primarily Identifying Data Sets, Source Data, Source Meta Data, Data Definitions and Data Formats.
* Experience on data modelling for changing existing tables and creating new tables.
* Tuned PL/SQL Stored Procedures/Functions to improve the performance by creating function- based Index, Optimizer Hints, Explain plan and analyzing the tables.
* Exposer to Scrum management, actively played scrum master role in a project.
* Certified RPA developer (Validation Number - 389766519782198375).
* Implemented process automations using UIpath.

**Professional Experience (9+ years)**

**SEI Investments (Oct 2016 – Current) Oaks, PA Database Developer**

* Developed new functionalities using Oracle Databases Programming Concepts:
* De-normalized the model by transferring all the required application data that is necessary for process development into Oracle databases, and storing the data in one table instead of having multiple tables that need to be joined together
* Analyzed business requirements and translated business requirements into application logic to be used on the back-end of application development
* Adopted application logic for code development following the best industry standards of programming, like ensuring code reusability, avoiding magic literals, avoiding nested conditions for reducing the complexity of readability, etc.
* Reviewed the code to ensure that the code aligns with the functional document
* Adopted advanced programming techniques for improved performance in data processing:
* Customized existing software, and updated legacy code using advanced PL/SQL techniques like Bulk collections, Bulk Processing, and other efficient data processing techniques
* Analyzed bugs / defects found in production scenarios and completed Root Cause Analysis to determine a fix to ensure that the defect is not repeated in the future and suggested process improvements
* Worked with XML and JSON objects to effectively store application data
* Worked with other teams to develop application enhancements using Oracle procedures:
* Utilized database tuning methods to update the legacy systems application code for performance improvements
* Designed blueprints for new projects for end users, and created functional – technical merge documents that explains end user expected functionality with data flows
* Created improvement of data retrievals by re-writing the legacy sql queries with ANSI joins and preparing data sets effectively using WITH clauses;
* Vertically splitting the entire functionality to the lowest molecular level possible to not only allow reusability of services but to ensure that each functional module can be then effectively designed, developed, tested and developed
* Build Database Objects like Tables and Views, this includes.
* Built tables and views identified during the system development life cycle (SDLC) to capture the aggregated data for reporting and migration purposes
* Created summary table indexes of aggregated data, and place indexes in the system to ensure that the data retrievals are faster by eliminating scanning of large volumes of data.
* Stored the data captured in sorted order using indexes, to avoid lengthy sort activity by the system.
* Created new data models to support new functionalities and for new applications.
* Deleted transactional data after completion of purging period or archiving of data to ensure that database table doesn’t grow out of proportion
* Create Functional documents for newly developing systems, this includes:
* Well versed in various planning sessions and requirement gathering sessions with end users on daily basis, document flaws in existing reports and suggest new changes to reports
* Created documents on newly developed reports and products for end user understanding
* Created reports relating to usage reports to identify data outliers in the system and to understand new products
* Trained end users on new products and reports
* Worked on Automation of business processes using UIPath.
* Experience in building RPA (Robotic Process Automation) Solutions using UiPath
* Hands on Experience in creating PDD (Process Definition Document) and developed respective SDD (Solution Design Documents)
* Hands on Experience on UiPath for developing back office and front office robots.
* Experienced in building Robotic Automation Process and Business objects for various business systems.

**Environment / Tools:** SQL\*PLUS, SQL\*Loader, TOAD Data modeler, JSON, Pentaho, XML, SQL\*Loader, SQL Developer, Unix terminal.

## JP Morgan Chase (Feb 2015 – Oct 2016) Wilmington, DE Database Developer

* Worked with the Data Architect on Data Warehouse Bus Model
* Created detailed and various kinds of reports involving Drill Down, Drill through Report, Parameterized Reports and Ad-hoc Reports and format the reports
* Scripted the store proc for duplicate check and data validation by applying the business rules
* Actively involved in daily standup (SCRUM) meetings with application developers, DBA, Business Analysts and QA Testers
* Adopted python scripts to load data files and to extract data for client analysis
* Analysis the business requirement and translate into technical SQL specifications
* Created and maintained Tables, views, procedures, functions, packages, DB triggers, and Indexes
* Involved in refactoring Stored Procedures, Functions, Triggers and Packages using TOAD and SQL Navigator.
* Created database design for new card partners and created data models for tens of databases.
* Compiled high performance queries/programs using Collections, Bulk Binds, Objects, Nested tables, REF Cursors etc.
* Tuned PL/SQL Packages and PL/SQL Stored Procedures/Functions to improve the performance by creating function-based Index, Optimizer Hints, Explain plan and analyzing the tables.
* Created various screens using Form Builder to create monthly reports
* Used Jason files to export and import the data between systems
* Used UTL\_FILE built-in package to generate files as per the requirement
* Involved in creating DYNAMIC SQL that will update or insert data into the tables on the run
* Implemented Exception handling, Autonomous Transactions, Pragma Exception Init, Locks, used save points, commits & rollbacks to maintain Transactional consistency & database integrity.
* Compiled complex in-line Views which summarized the business needs to the fullest.
* Involved in Migrating the entire database setup from test environment to production.
* Created, implemented and tuned interfaces and batch jobs using PL/SQL and UNIX utilities.

**Environment / Tools :** Oracle 10g/9i, Forms/Reports10g,Python, ER studio, SQL\*PLUS, SQL\*Loader, TOAD, Shell Scripting, UNIX,SQL, PL/SQL, SQL\*Loader, SQL Developer.

## University of Illinois Springfield (Aug 2013 – Dec 2014) Springfield, IL Application Programmer

* Involved in analyzing the requirement to create data tables using sql loaders.
* Responsible for computing various projection tables for population projections by using slice and dice.
* Involved in several state board meetings for understanding the business and responsible for developing Business Requirement Document.
* Created data models and ER diagrams as client specifications and data storage needs.
* Developed techno functional document used by the state demographers for evaluating certain bench values in population projections and development teams to develop software applications.
* Optimized legacy sql queries using ANSI sql to improve performance of data retrievals.
* Tuned PL/SQL Packages and PL/SQL Stored Procedures/Functions to improve the performance by creating function-based Index, Optimizer Hints, Explain plan and analyzing the tables.

## Google India PVT LTD (July 2010 to July 2013) Hyderabad, India Team Lead

Google Mapmaker Project is developing user generated maps for its users across the world.

* Built 1000+ SQL queries to mine large databases to boil down data to conclusions that depicts user trends in Mapmaker
* Designed 10+ dashboards using Google in-house application which integrates back end databases to front end web application to look at various statistics
* Effectively implemented spiral model for project development
* Used Google bugnizer tool to debug applications
* PL/SQL programming experience in writing the procedures to migrate data from the existing systems to the newly developed scaled data tables
* Used SQL Loader tool to load huge data from csv / excel files to Databases
* Developed various reports using Report builder and ADF report builder in Jdeveloper
* Designed Reports that had complex SQL, PL/SQL code and stored procedures using Reports 11g.
* Assisted in gathering requirements by performing system analysis
* Used Indexes effectively in where clauses for Query optimization
* Involved in formulating general methodologies, Naming conventions and Coding standards for various procedures and packages
* Involved in creating Detail Design Documents for the requirements
* Designed Forms that had complex stored procedures and PL/SQL code using Forms

## Education

* Masters in Computer Science (University of Illinois -Springfield) Dec 2014
* Bachelors in Computer Science (Acharya Nagarjuna University) May 2009

**Technical Skills**

* Databases : Oracle 11g/10g/9i/8.x, T SQL
* Tools : SQL\*Loader, Toad, Toad data modeler, ER studio, SQL developer.
* Languages and Technologies : Python, SQL, PL/SQL, RPA.
* Packages : Microsoft Office (Excel, PowerPoint, Word, Outlook, Access)
* Web Designing    : HTML
* Operating System : MS-DOS, Windows ,Linux
* Others                                    : Google customized tool for ETL.