Extensive experience as a Developer, Analyst, Database Programmer and Integrator. Worked on several development projects involving. Requirement Analysis, Database Design, Oracle database development, SQL / PLSQL programming, Oracle Forms and Reports development, conversion of legacy systems to Oracle database and projects involving data migration.

**SPECIALITIES**

* Database Design and Development
* SQL/PLSQL Programming
* Oracle Forms and Reports Development
* Conversion of Legacy Systems
* Oracle Systems Development
* COBOL Programming

**EDUCATION**

Bachelors in Physics and Math. (University of Poona, India),

Grad. Cost & Works Accountant (equivalent to CPA) ICWAI Calcutta (India), Diploma in Software Technology (Inst. of Software Technology, Poona, India)

**Status in U.S.: U.S. Citizen**

**Security Clearance: Secret**

**EXPERIENCE**

**JAN 2012 – Current NPS**

**Client: National Park Service**

**Employer: (Delta Solutions/CACI Inc)**

**Details:** This project contains development and improvements to the Financial Accounting System used by the National Parks System (DOI). The system has major data input from the FBMS (Financial and Business Management System) of the DOI. The parent system has undergone a change in many parts of its database structure and this need to be incorporated in the NPS Accounting system. The phase of modification and development is now over. The entire application is stabilized using Oracle 10g database and front end. During the year 2014 a lot of tuning and refining of the application was carried out and I had a significant contribution in this effort.

In the next phase we are migrating to Oracle 11g database and Forms and Reports. I have contributed significantly in porting the application to 11g database and testing the performance. Now we are in the process of migrating the Forms and Reports to Oracle 11g. I have already completed installation of individual work stations and now I am contribution in the effort of configuring application server.

**Responsibilities:** Development, testing, deployment and maintenance of Oracle Forms and Reports. Development, modification and maintenance of Oracle database procedures, packages, views, and other database objects.

**Client: Food and Drugs Administrations (FDA)**

**Employer: SRA International**

**Details:** This project involves database and application support and enhancement of the existing Oracle 10g based application. The application controls the inspection, investigation and other operations of FDA for indigenous and imported foods and drugs. The front end is Oracle Forms and Reports.

**Responsibilities:** Production database support, enhancement of application, handling change requests, designing and monitoring development activities, requirement analysis, guidance to programmers, peer reviews, database changes and updates, development and maintenance of Forms, Reports and Pro\*C programs, materialized views, maintenance of libraries and other database objects.

**Jan 2010 – Apr 2010 –GFM**

**Client: Dept. of Army**

**Employer: SRA International**

**Details:** GFM is a system for managing the requirements of personnel and equipment for army. It is a hierarchical system of requirements and approvals. The legacy system consisted of documents with different approval levels and effective dates. The new system depicts and manages the hierarchical workflow structure of requirement documents and authorizations. The project involves extensive SQL/PLSQL programming.

**Responsibilities:** Database support and handling the change requests for the database layer.

**Oct.2009 – Dec. 2009 Master Data Capabilities**

**Client: Deloitte Consulting (DoD)**

**Employer: Vector Consulting Inc., Duluth GA**

**Details:** The project consists of maintaining a data warehouse for items, vendors and customers for defense materials. The data is supplied by various providers using different sources and it is validated and loaded into data warehouse. The queries of all customers are satisfied using the data in this warehouse. Web based interfaces are used for loading and extracting the data. The project involves extensive SQL/PLSQL programming and use of XML.

**Responsibilities:** Development and maintenance of SQL/PLSQL programs, monitoring performance. Development and monitoring PLSQL packages, functions, triggers. Designing and maintaining materialized views and setting up of replication databases.

**May 2008 – Aug 2009 DONCJIS**

**Client:   Department of Navy**

**Employer: Inter Image, Inc.**

**Details:** Department of Navy has its own criminal justice system (DONCJIS). The crime data is obtained from the field reports and fed into this system in the form of flat files. We are redesigning the data input and validation checks as a part of bigger development project for DONCJIS.

**Responsibilities:** Development and redesign of SQL/PLSQL programs for improved performance and updates and to suit the changed requirements.

**Jul 2007-Apr 2008: Oracle Development**

**Client:  Alcohol, Tobacco, Firearms & Explosives Bureau (ATF)**

**Employer: Inter Image, Inc.**

**Details:** ATF has an old system for Federal Licensing of Firearms. The system has a front end of Oracle Forms and Reports (6i) and a database using Oracle 9i. We are maintaining the system and planning to upgrade it to oracle 10g.

**Responsibilities:** Maintenance of forms and Reports, Design of new Forms and Reports.

**Aug 2006-Jul 2007: Oracle Collaboration Suite 10g**

**Client:    National Oceanic & Atmospheric Administration (NOAA)**

**Employer: Systems Integration and Development, Inc.**

**Details:** We are working on a pilot project for using Oracle Collaboration Suite 10g for Content Management. The previous attempts of using this software on LINUX had to be abandoned because of some internal problems. When successful, there are plans to make a large number of documents to about 5000 users spread over a large geographic area and also to implement hierarchy of privileges over these documents.

**Responsibilities:** Installation and Configuration of Oracle Collaboration Suite 10g in 3 tier architecture. Creating and maintaining users and their privileges. Creating and maintaining work areas and granting access to various users, transferring contents to proper folders. User support.

**Aug 2004-Jul 2007:  Communication Information System (CIS) Upgrade:**

**Client:    National Oceanic & Atmospheric Administration (NOAA)**

**Employer: Systems Integration and Development, Inc.**

**Details:**  CIS-NWSAPP is the system which supports the automation of Telecommunications Billing database for NOAA, and also provides data to the main financial system of department of commerce. This system needed upgrading because of new technology and changed requirements. The new system is developed to include and enhance all functions of the older version and also to include several new requirements and security feature. The new system will also be web enabled.

**Responsibilities:** Requirement analysis, study of existing system, design of new system, database design, design of new interface between CIS and main financial system, guiding development, technical lead, client training and support.

**Apr 2004 Jul 2004:  Contract Management and Tracking System (CMTS)**

**Client:  Dept. of Army**

**Employer: Foster Soft Inc.**

**Details:** CMTS was developed to support the management and tracking of different contracts and task orders issued under these contracts. It helped the DOA executives to control the finances and personnel working on different contracts. It also provided in depth financial analysis of different contracts and help budgeting and forecasting. The system co-operated with the existing system ECA, which mainly dealt with the limited aspect of tracking of personnel on contract. CMTS is Oracle based and uses Java in the front end. On its completion it was used by multiple contracting offices of DOA.

**Responsibilities:** Requirement analysis, meetings with the client, system study, design of database, design of interface between EAC and CMTS, technical lead, customer training and support.

**Nov 2003 Mar 2004: CAMS Conversion Project:**

**Client:   Dept. of Commerce.**

**Employer: Advanced Data Technologies, Inc.**

**Details:** This was a conversion project for the Financial Accounting system for the Dept of Commerce. The original system was developed using Forms 3.0 and ran against Oracle 7 database on Unix platform. The system had high number of Forms and Reports. We converted these forms and reports to 6i version against Oracle 8i database and in the second phase they were redesigned and converted to version 9i and web enabled.

**Responsibilities:** Conversion of Forms version 3.0 to Forms 6i using the Kumaran conversion tool, changes to suit the GUI platform, testing and monitoring the workflow.

**June 2003-July 2003: PL SQL Programming.**

**Employer: Trusecure Inc.**

**Responsibilities:** During this period I worked on the database for security audit and certification. My work involved        modifying PLSQL procedures and packages.

**Mar 2000- Apr 2003: BTS (Bureau of Transportation Statistics)**

**Client: BTS (Bureau of Transportation Statistics)**

**Employer: Vistronix, Inc.**

**Details:** This system supported the collection of Financial and Operational data from thousands of transporters in US. We started with a very sketchy database, which was in MS Access and over a time evolved the Oracle based system with client server and web-deployed modes for collection and distribution of data.

**Responsibilities:** Requirement analysis by discussion with the users, study of the existing system and database, Design of new Oracle database, migration of data from old MS Access database, development of Forms and Reports with PLSQL library for data entry, development of extensive PLSQL  procedures and packages for  validation of data, help to users to understand the potential of Oracle based system and enhance the utility of the application, quality checks and automation of some parts of the system, web deployment of the application for data collection and distribution, supported all users.

**Feb 99- Feb 2000:  MSDE Student and Teacher Enrollment System**

**Client: Maryland State Department of Education**

**Employer: Vistronix, Inc.**

**Details:** This system was designed to automate and monitor the process of enrollment of students and teachers for different courses offered by the schools and colleges in the state of Maryland. The web user loaded the data, triggered the validation process over the web, and received the results of validations and analytical reports over the web.

**Responsibilities:** Study of requirement of users and the legacy Cobol system, finding the shortcomings of the legacy system and possible improvements with the new Oracle based system, meetings with the user to formulate the design of new system, system design, development of GUI standards, development of Forms  and Reports, development of extensive SQL and PL/SQL libraries for the application, automation of the validation procedure on server, web deployment of the application, installation and support at client site.

**Feb 98- Dec 98:  SERS (State Employees Retirement System)**

**Client: State Govt. of Pennsylvania.**

**Employer: Vistronix, Inc.**

**Details:** This was a Retirement Accounting System for employees of Pennsylvania State. It maintained the retirement accounts and details of contributions, deductions, withdrawals and benefits and generates various reports.

**Responsibilities:** Improvements to Forms and Report, conversion from Forms 3.0 to 4.5 and from Pro\*c reports to Oracle Reports 2.5, Pro\*C and Pro\*Cobol programs, SQL/PLSQL procedures and packages to support the changed requirements, development of new procedures and tuning of the application, development of new Forms and Reports, Unix scripting.

**Nov 97- Jan 98: Warehouse Inventory System**

**Client: Daytons Minneapolis**

**Employer: Hunter Software Inc.**

**Details:** This was an inventory control system for warehouse. It   provided for identification of material in a large warehouse, reservation for shipments, requisitions and similar things for controlling the inventory.

**Responsibilities:** Testing and debugging of the application, Unix scripting.

**Jan 96- Oct 97: APEX (Automated Proration Expert)**

**Client: Emirates Airlines, New Zealand Airlines, Continental Airlines**

**Employer: Kale Consultants Pvt.Ltd.**

**Details:** This is a specialized product developed by Kale   Consultants Pvt. Ltd. (India) for handling the crucial part of Proration in an Passenger Revenue Accounting (PRA) System for airlines. The system works on the Airline ticket data. The revenue for each ticket is distributed into different sectors and different airlines serving on these sectors. This depends on the type of ticket and also on the rules and regulations set by the IATA (International Air Traffic Authority) and the mutual agreements between airlines (SPA).

**Responsibilities:** Database design, development of Forms and Reports, conversion of Forms and Reports from 3.0 to 4.5, development of libraries for common use, development of module for data transfer from the host system, improvements to Pro\*C code, Unix scripting for batch jobs,  application tuning.