

**NAVEEN KUMAR THANKAPPAN**

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**919 701 0006**

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| **PROFESSIONAL SUMMARY** |

* Having more than **18+ yrs** of experience in Information technology and more than **15+ yrs** in **Oracle Database technologies** with a strong success record in **Database Administration**, **Installation, configuration, troubleshooting, upgrading, patching, performance tuning, backup and recovery, cloning, space management and database security.**
* Strong knowledge and experience with **Oracle 12c,11g/10g/9i/8i/8.x/7.x RDBMS on UNIX/Linux/ Windows & IBM Z/OS 360 Mainframe environment.**
* Experience working on **Oracle Engineered Systems (Exalogic-Exadata DBA/DMA** to support **Exadata/ODA/ZFS/ZDLRA/Oracle Super** and **Mini Clusters)** ininstallation, administration, configuring,monitoring & support.
* Experience working with **Sybase, MS SQL server 2005/2008, Oracle Fusion Middleware 10g,11g, Weblogic server 10g,11g, Oracle Data Integrator (ODI) 11g, Siebel and SAP database utilities.**
* Ability to grasp and adapt new technologies and systems quickly. A committed team player.
* Knowledge and proven domain expertise in **Energy & Utility** areas, **HealthCare**, **Transportation**, **Insurance** and **Law enforcement**.
* Certified **Oracle 9i,10g,11g DBA**
* **Worked on more than 150 TB of Data.**
* Experience using **12c pluggable** and **container databases (PDBs and CDBs).**
* Hands on experience in **GoldenGate** replication setup, Analysis of trail files using Logdump and monitoring.
* **Installation**, **upgradation** and **maintenance** of Oracle RDBMS on UNIX/Linux and Windows platforms.
* **Database backups and Recovery using RMAN, IMP/EXP, Hot/Cold Backups, Data Pump tools.**
* Implementation of **High Availability** solutions with **Oracle 12c, 11gR2 RAC,** **Standby Database** (Active Data Guard with Data Guard Broker) and Replication.
* Recovery of the database in case of database crash, disk /media failure etc.
* Database design and Implementation.
* Implement and maintain database security (create and maintain users and roles, assign privileges ).
* Refreshing Database from Production to DEV and QA using RMAN clone as per the client’s requirements.
* Experience working with **Oracle Database Cloud Service**.
* Experience working with **Oracle GoldenGate performance and tuning**.
* Writing shell scripts, Loading data into the database from the flat files using **SQL\*Loader.**
* Apply patches like **CPU, PSU Patches** as per Oracle recommendations.
* Perform database tuning and performance monitoring using **STATSPACK, EXPLAIN PLAN ,TKPROF, AWR, ASH, ADDM report.**
* Create and maintain documentation and standards.
* Worked with DevOps engineers on code deployments and releases.
* Capacity planning, capacity monitoring, and management.
* Work as a part of the team and provide 24x7 support when required.
* Load and extract formated data in and out of the database (**ETL)**.
* Installation and configuration of **RAC10g,11g & 12c** on RHEL/SLES**.**
* Shell scripts – bash,bourne,csh,ksh,sh

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| **PROFESSIONAL EDUCATION, CERTIFICATION & TRAINING** |

* Master’s in Computer Information Systems - (Concentration in Advanced Database Management & Business Intelligence) from Boston University, Massachusetts, USA
* Oracle Certified Professional (OCP) 9i,10g & 11g – Database Administrator.
* Oracle Certified Professional (OCP) 6i – Internet application developer, Oracle forms Developer Release 6/6i.
* Training on Oracle PL/SQL tuning from Burleson consulting, USA.
* ASE System and Database administration from Sybase Education services, USA.
* Training on migration of Oracle database on-premise to Oracle Cloud, Oracle, USA
* Graduate in Commerce from University of Kerala, India
* Post Graduate Diploma in Computer Studies from BITS, Cochin, India
* Microsoft Certified Systems Engineer from Karrox Technology, Cochin, India
* Sun Solaris 8.0 from Karrox Technology, Cochin, India.
* Linux Administration 7.1 from Aptech, Cochin, India.
* Oracle 8i / 9i database Administration from SSI , Cochin, India.
* Oracle Database Administration 10g from NIIT, Bahrain.
* CISSP (Certified Information Systems Security Professional ) from Cosmos, Bahrain

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| **TECHNICAL EXPERTISE** |

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| Databases/Cloud Platforms | Oracle DB 12c/11g/10g / 9i / 8i / 8.0 / 7.x, MS SQL Server 2000/2005/  2008/2012, Sybase 12.5.4, MS Access 2000/2007/2010/2013  Oracle Cloud (SaaS/PaaS/IaaS/DaaS). |
| Operating Systems | Sun Solaris 10 / 9 / 8; Red Hat Linux ,7.x, 6 .x , 5.x, AIX 5.x, 6.x,  HP-UX, Novell Netware 4.x, MS Windows Server 2000,2003,2008,2012 |
| Utilities | SQL \*Loader,DataPump,Exp/Imp,ADDM,AWR,ASH,STATSPACK,ASM  Tkprof,RMAN,orachk,oradebug,dbverify,odadmcli,oakcli,lsnrctl,srvctl  dgmgrl,exachk,cellcli,cellsrvstat,dcli,ilom. |
| Middleware | Oracle 9iAS, Oracle Weblogic Server 10.3.3,11gR1,12c R2,  Apache Tomcat |
| Virtual Machines | VMware Workstation 6/7/8/9/10, VMware Server 1x/2x |
| Scripting Languages | Perl Scripting, Shell Scripting,Java Script, Windows Power shell, HTML |
| Tools | TOAD, OEM 10g, 11g, 12c, 13c, Oracle Developer Suite, Nimsoft,  Unicenter, Nagios, Designer 2000 R 6i (Knowledge of Process  Modeler, ER Diagrammer, Database Transformer, Application  Transformer, Design Editor and Design Capture), Power Designer 15.1, SQL profiler, SQL Server Management Studio, Perfmon, CA Automation. |

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| **PROFESSIONAL EXPERIENCE** |

# Bayer USA, Pittsburgh, Pennsylvania

# June 2014 – Till date

**Sr. Oracle Consultant**

Bayer is a Life Science company with a more than 150 year history and core competencies in the areas of health care and agriculture. Also Bayer is one of the leading research-based pharmaceutical companies worldwide. Bayer’s innovative products contributing to find solutions to some of the major challenges of our time. The growing and increasingly aging world population requires improved medical care and an adequate supply of food. Bayer is improving people’s quality of life by preventing, alleviating and treating diseases and helping to provide a reliable suply of high-quality food, feed and plant-based raw materials. Bayer’s core businesses are Bayer Pharmaceuticals, Bayer Consumer Health, Bayer CropScience and Bayer Animal Health.

The Pharmaceuticals Division focuses on prescription products, especially for cardiology and women’s healthcare, and on specialty therapeutics in the areas of oncology, hematology and ophthalmology. The division also comprises the Radiology Business Unit which markets contrast-enhanced diagnostic imaging equipment together with the necessary contrast agents.

The Consumer Health Division markets mainly non-prescription products in the dermatology, dietary supplement, analgesic, gastrointestinal, allergy, cold and flu, foot care, sun protection and cardiovascular risk prevention categories. These products include globally known brands such as Claritin™, Aspirin™, Aleve™, Bepanthen™/Bepanthol™, Canesten™, Dr. Scholl’s™ and Coppertone™.

The Crop Science Division has businesses in seeds, crop protection and non-agricultural pest control. It is organized into two operating units: Crop Protection/Seeds and Environmental Science. Crop Protection/Seeds markets a broad portfolio of high-value seeds along with innovative chemical and biological pest management solutions, at the same time providing extensive customer service for modern and sustainable.

The Animal Health Business Unit offers products and services for the prevention and treatment of diseases in companion and farm animals

**Responsibilities:**

* **Installed and Upgraded Oracle Databases 11.2 on RHEL 6.4 to 12c on RHEL 6.8**, on all core environments ( Dev/QA/Production)
* **24x7 On-call support DBA** on a rotation basis. Support Oracle production databases located geographically on different locations ( North America, Latin America, Europe & Asia)
* **Supporting 500+ Oracle databases** including **RAC production, Dev & QA databases**.
* Responsible for Backup and recovery of all oracle core environments ( Production, Development, Testing,QA).
* Responsible for applying database patch and also relink all the Oracle binaries after OS ( RHEL / AIX ) patch.
* Documenting all the steps and procedures for the Installation, configuration and patch of Oracle databases.
* **Refresh Oracle Databases** from Production to QA / Dev & Test environments.
* Responsible for performance and tuning , troubleshooting issues on all oracle databases.
* Implemented 11gR2 RAC on a 2 node cluster environment on RHEL 6.7 / VMware. Managed ASM storage devices using ASMLIB.
* **Cloning Oracle databases** from Production to Dev environment.
* Install, configure and support **Oracle Standby databases** ( 10g, 11g & 12c ).
* Configured Data guard broker between the primary and standby databases, perform switchover/failover and monitor the data guard status via DGMGRL and OEM grid control.
* Regular monitoring of all Oracle databases using Oracle enterprise manager, TOAD etc.
* Working closely with customers, troubleshooting issues etc.
* Support **Oracle databases running on Siebel & SAP** environments.
* Schedule cronjobs for Oracle backups (Full, Incremental & Archive).
* Worked with DevOps engineers on code deployments and releases.
* Configure Avamar backups ver. 6.x 7.x for Oracle database, Knowledge working with Avamar Management console, Installed Avamar client with DD Boost.
* Setup/Configure partitioned Linux block devices using UDEV and assign them to ASM as candidate member disks.
* **Database tuning & performance monitoring**. Fine tuning Initialization parameters, I/O, Memory and OS kernel parameters.
* Configure LUNs for ASM disks using WWID, DM-Multipathing and ASMLIB on RHEL 5/6.
* Configure or Setup ASM on Linux Using ASMLIB Disks, Raw Devices, Block Devices or UDEV Devices.
* Support **Oracle RAC databases (10g & 11gR2) on RHEL 6.7 & 6.8** environments.
* Involved in support of multiple Vendor based application supporting the configuration and setup of databases
* Decommission Oracle databases based on the standard Bayer IQ process.
* Installed **Oracle GoldenGate 11g and 12c** Installation, Setup, Configuration, performance tuning and Administration
* Performance and tuning of GoldenGate to improve extract performance, improve datapump performance, eliminating network bottlenecks, improve throughput etc.
* Used **Oracle Data pump** full transportable method to copy an entire database from on-premises host to the database on Oracle database Cloud service Database Depolyment.
* Support Primary and Physical Standby database on Oracle 10g (10.2.0.3.0), troubleshooting issues such as fixing archive log gaps on physical standby database or reconfigure and setup physical standby database using Oracle data guard
* **Environment:** Oracle Database 8i,9i,10g, 11g R1, 11g R2,12c, AIX 5.3, 6.1 Redhat Linux AS 4,RHEL enterprise Linux Server 5.11,5.7,6.4,6.5,6.7,6.8 TOAD ver. 11.5. OEM 10g Grid, OEM 12C, HP-UX 1729 Mhz IA64 64-bit ia64 hp server Integrity Virtual Machine,DS4800, ODA X6-2S, ODA X6-2M, IBM TSM environment with IBM 3584 tape library, VMware ESXi 5.0, VMware vCenter Server 5.0, vSphere Client 5.0, Windows 2008 R2, Windows 2012 R2, Windows 2012 Standard,Avamar ver. 6.x 7.x & IBM Tivoli Storage Manager, HP Service Manager 9.41 ( ticketing system), Oracle Golden Gate, Logdump.

# Bureau of Workers Compensation, Columbus, OHIO

# July 2012 – May 2014

**Sr. Oracle Consultant**

The Ohio Bureau of Worker’s Compensation (OBWC or BWC) provides worker’s compensation insurance coverage for employers and employees in the the State of Ohio through a $22 billion fund. Based on assets under management, OBWC is the largest exclusive state operated and second largest overall provider of worker’s compensation insurance in the United States.

The OBWC reported providing coverage to more than 288,000 employers and supports more than 1.5 million open cases of worker disability. OBWC paid out more than $1.9 billion in benefits against premiums from employers of $2.1 billion.

Since its founding in 1912, BWC has provided medical and compensation benefits for work-related injuries, diseases and deaths. BWC provides insurance to about two-thirds of Ohio's work force.

**Responsibilities:**

* Upgrading and Patching the Exadata GI Home and RDBMS home from 11.2.0.4 to 12c.
* Upgrading and Patching the software and Firmware in Exadata Database Machines, Exadata Storage Servers and InfiniBand Switches.
* Configuring, Maintaining and troubleshooting Exadata Cell disk/Grid disks
* Upgrading and Patching the software and Firmware in Exadata Database Machines, Exadata Storage Servers.
* Supporting Oracle Exadata X2-2/X3-8 machines, 11g databases with 8-node RAC.
* Configuring production database backups to tape using ZDLR appliance.
* Troubleshooting Exadata Smart Scan/offloading issues.
* Installed and Upgraded Oracle Databases 10.1, 10.2,11.2 on Sun Solaris 5.9, RHEL 6.2, all the core environments for dev/QA/production Servers
* Installed and configured oracle enterprise manager 12c on RHEL 6.2
* Supporting oracle 10.2.3 running on IBM Z/OS 360 mainframe systems.
* Responsible for Backup and recovery of all oracle core environments ( Production, Development, Testing,QA).
* Responsible for upgrading oracle database 11.1.0.6 to 11.1.0.7.9 for oracle financial 11i running on sun solaris 5.9.
* Responsible for migration of Human resource Information system database from 10g on solaris 5.9 to 11gR2 on RHEL 6.2.
* Responsible for upgrading and patching oracle databases from ver. 10 to 11g R2
* Refresh oracle database from production to dev on IBM z/OS Mainframe system.
* Responsible for creating script to load DB2 data from mainframe to Oracle using **SQL\*Loader**
* Responsible for performance and tuning , troubleshooting issues on all oracle databases.
* Implemented 11gR2 RAC on a 3 node cluster environment on RHEL 6.2 / VMware. Managed ASM storage devices using ASMLIB.
* Cloning Core Development databases to Core Perf. Databases.
* Installing and configuring Database Vault and AVDF on Development and production environments.
* Configure Avamar backups ver. 6 for oracle database, Knowledge working with Avamar Management console, Installed avamar client with DD Boost
* Regular monitoring of all oracle databases using oracle enterprise manager, TOAD, dbArtisan etc.
* Working closely with developers identifying long running queries, recommending indexes, running explain plans, stats etc.
* **Environment:** Oracle Exadata X2-2/X3-2, ZFS, ZDLR, RAC, Oracle Exalogic, IBM Z/OS 360 Mainframe system, ODA X6-2S, ODA X6-2M ,Oracle Database 10g, 11g R1, 11g R2, Sun solaris 5.9 , Redhat linux AS 6.2, TOAD ver. 11.5. OEM 10g Grid, OEM 12C, dbArtisan, IBM SVC storage with DS8000 at the backed, DS4800, IBM TSM environment with IBM 3584 tape library, VMware ESXi 5.0, VMware vCenter Server 5.0, vSphere Client 5.0, Avamar ver. 6.x

# Central Vermont Public Services , Rutland, VT

# Dec 2007 – April 2012

**Sr. Database Analyst**

CVPS ([www.cvps.com](http://www.cvps.com)) was established in August 1929 by the consolidation of eight electric companies including those serving Bradford,Claremont (New Hampshire), Middlebuy, Rutland, and Windsor. CVPS is an independen, investor-owned, vertically integrated electric transmission and distribution company that provides energy and energy-related services to customers througout Vermont. CVPS is the largest utility company in Vermont serving more than 151,000 customers. Its transmission and distribution system is highly reliable with a low environmental impact.

**Responsibilities:**

* Installed and Upgraded Oracle Databases 10.1 to 10.2 on IBM AIX 5.3, RHEL 5, SLES 10 on dev/QA/production Servers.
* Installed, configured & tested RAT to evaulate platform migration of 11g rel 1 ( 11.1) to 11g rel 2 ( 11.2) from windows 32 bit to RHEL AS 5 64bit.
* Manually Upgraded Oracle 10g ver. 10.2 to Oracle 11g ver. 11.1 on RHEL 5 .
* Installation and configuration of Oracle fusion middleware 11g and weblogic server 10.3.3 for OID 11g .
* Installed and Upgraded Oracle Databases 10.1 to 10.2 on Win 2k Development /Production servers.
* Oracle **Upgrade,** **Patch installation**.
* Troubleshooting the performance issues for oracle database and fixing the issues. .
* Importing / Exporting schemas on development/QA/production servers , IBM AIX
* Configuring kernel parameters in RHEL and Oracle Init Parameter file to start multiple instances.
* Implemented **Oracle Internet Directory , Single Sign** on for CVPS, which had drastically reduced the call to help desk and support saving time. By implementing OID the users are able to login to applications using their network id and password where oracle is the backend.
* Implemented **Virtual private database (VPD)** for power supply group.
* Installed and configured **Oracle Dataguard 11g** for power supply group to ensure business continuity by minimizing the impact of planned and unplanned downtime.
* Installed and configured **Oracle RAC 10g** with compellent storage and 64 bit servers running SLES 10 on 2 node production environment, including clusterware, ASM and creating new databases.
* Installed,configured and administered **Oracle RAC 11g databases** with 2 nodes and 2 instances on each node on RHEL AS 5 64bit, storage used is compellent.
* Support all **Sybase ASE 12.5.4 databases** on Dev/,QA/production environment.
* Support all **SQL server 2005/2008 databases** on Dev/QA/production environment. Some of the task included monitoring backups, resource utilization, space management, set up traces and profiler to troubleshoot performance issues, monitor log files using Nimsoft monitoring tool to proactively resolve issues.
* Support **Oracle Databases running on SAP systems**, experience working with SAP tools for Oracle such as BRSPACE, BRBACKUP, BRARCHIVE, BRRESTORE, BRRECOVER, BRCONNECT and BRTOOLS.
* Preparing documentation/runbooks for all the processes when migrating, moving the changes or creating new requirements for production.
* Any projects carried out has a project management documentation prepared.
* **Implemented OID 11g project** ( Software /components used to configure and setup to successfully execute this project were , weblogic server 10.3.3, Oracle database 11g rel 2 , Repository creation utility for Fusion middleware 11g, patch for fusion middleware 11g ( 11.1.1.4), Oracle password filter 11g ,configuring Oracle directory service manager,configure the domain mapping rules and attributes)
* Worked on ETL requirements using Oracle Data Integrator 11g rel 11.1.1.3.0. Assisted in mapping tables between Sybase and Oracle databases, the source was Sybase and the target was Oracle. Also downloading flat files from Hand held meters to Linux production server hosting Oracle database and loading the data to Oracle database.
* Setting up Nimsoft monitoring tool to monitor Oracle alert logs, tablespace checks, RAC instances, CPU, disk, I/O , network etc.
* Support **Sybase replication server 15, sybase ASE 12.5**.
* Supporting more than 200 databases including development/QA/production sizes upto 5 TB
* Provide after hours 24x7 database support.
* Provide support for OEM grid control and Agents.
* Written unix shell script to backup important schema for power supply group and scheduling the backup script in the cronjob to run on a daily basis.
* **Environment:** Oracle Database 10g, IBM AIX 5.3 , Redhat linux AS 5, SLES 10, TOAD ver. 9. Sql optimizer ver. 7. Sybase , OEM 10g Grid, Sybase replication, SQL server 2005/2008, Oracle fusion middleware 10g , 11g, weblogic server 10.2, 10.3 **,** Oracle data integrator 11g rel 11.1.1.3.0.

# Client – INFOR GLOBAL SOLUTIONS, Dallas, TX

# Mar 2007 – Nov 2007

# Sr. Oracle DBA

# INFOR i([www.infor.com](http://www.infor.com)) is the world’s 3rd largest provider of enterprise software, with approximately $2.1 billion in revenue and the 10th largest software company in the world that provides integrated enterprise solutions such as enterprise resource planning, supply chain management, data warehousing, customer and supplier relationship management, asset management, product lifecycle management, financial and performance management as well as business intelligence solutions.

**Responsibilities:**

* Installed and Upgrade Oracle Databases on Sun Solaris
* Migrated Development license model Databases from Solaris 9 to Solaris 10.
* Oracle **Upgrade,** **Patch installation**.
* Extract , transform and load data to the devlopment license model.
* Installed 10g Rel 2 database ver. 10.2.0.2 , Patched the database to patch set 2 (10g rel 2 -10.2.0.3 ), preparing document for db creation and db patch.
* Importing / Exporting license model database.
* Configuring kernel parameters in Solaris and Oracle Init Parameter file to start multiple instances.
* Provide 24 x 7 Production Support and day to day DBA activities.
* Configuring xmail on Sun Solaris 9
* Installation of resin 3.1.0 ( application server ) on solaris 9.
* Installation & configuring of GNU C compiler 3.4.6 , apache 2.2.4, sunstudio 11 and Install jdk ver. 1.6.0.01 on solaris 9./ 10
* Troubleshooting the problems in the production database , web server and license model database.
* User creation and implementing security procedures /roles.
* Create and update operational procedures and IT project documents
* Designing the backup strategy and implementing the optimal backup procedures to ensure that data are securely protected against a system failure.
* Creating databases that is in compliance with the logical and physical database layout standards.
* Worked on ETL requirements using oracle pl/sql and **SQL\*Loader** tool.
* Perform system auditing, capacity planning and ensuring security policies are implemented.
* Configuring and integrating pc-miler, cygwin, czar to the Transport management system
* Managing **RAC** and **Dataguard instances**.
* Installed and implemented Oracle enterprise manger 10g Grid control on sun solaris 10.
* Perform database tuning & performance, tuning SQL queries, identity the right index for the queries.
* **RMAN** Implementation for Development/QA/production database
* Scheduling shell scripts for Physical and logical backup of Oracle Databases
* Supporting more than **150 databases** including development/QA/production sizes upto 2 TB.
* required to assist performance and ensure maximum uptime of the database.
* Using third party **softwares Quest Spotlight, TOAD, OEM**.

# Environment: Oracle Database 10g, 9i, 8i , Sun Solaris 10 / 9 , TOAD, Sun Fire v210, 280R,V240, netra t1, netra t 1400/1405 ,OEM 10g Grid

# Planning & Organization Directorate,

# Ministry of the Interior, Kingdom of Bahrain.

# Jan 2003 – Nov 2006

**Oracle DBA / Analyst developer**

This system has been implemented at all the police directorates which records all the necessary information of reporter, offender, victim, suspects , crime location, arrest location, action taken, imprisonment details, court details etc. Every month the backup is taken from all the police directorate and consolidated at the central server located at Planning & Organization directorate. This system gnerates various statistical and graphical reports based on the Minister's , Undersecretary's and senior officials request.

The database is integrated to GIS to produce crime analysis report graphically.

**Responsibilities:**

* Responsible for the complete system design, development and implementation of the system.
* Responsible for installation of oracle 9i production database.
* Script written for consolidation of the data received from all the police directorates.
* Setup Backup and recovery procedure using RMAN.
* Responsible for creating statistical reports from the Criminal records database.
* Monitor performance, backup and recovery, error logs etc.
* Responsible for creating triggers, procedure and functions using PL/SQL.
* Responsible for object management and performance and tuning, storage management.

**Environment:** **Oracle 9i** , 8i, windows 2003/winXP,HP Proliant ML310 Server,IBM Tivoli version 4.2, ArcGIS ver. 8.3, TOAD, OEM 10g

# Forensic Science Laboratory – General Directorate of Criminal Investigation

# Ministry of the Interior, Kingdom of Bahrain.

# Apr 2001 – Dec 2002

**Oracle DBA / Analyst developer**

This system records information of the cases received from various directorates and other ministries for any kind of specimen examination. The information of the case such as date , time , location of crime, specimen collected from the scene of crime etc. are recorded, later the specimen is sent to the respective sections such as toxicology, chemistry, physics, biology etc. and these specimens are segragated and sent to the subsection under each section for the test/analysis. The tests are carried by various instruments in each particular section based on the specimen received or collected which are then analysed for various results. This system is incorporated with summary, statistical and detail report for the cases registered, sections and sub-sections. The main objective of the system is to determine the no. of cases recevied during a particular period , the type of cases, the no. of specimen and the type of specimen received in each section and subsection, analysed for what and the result if it is negative or positive, the cost involved in analysing the specimen by each instrument etc.

**Responsibilities:**

* Responsible for the complete system design, development and implementation, testing, support and new enhancement of the system.
* Responsible for installation of oracle 9i production database.
* Implemented backup Strategy.
* Perform monitoring, troubleshooting, maintenance and tuning of database.
* Use TOAD, SPOTLIGHT on Oracle, OEM tools.
* Responsible for creating database triggers, procedures and function.
* Installed, upgraded and patched oracle database and oracle developer 6i.

**Environment:** **Oracle 9i** / 8i, Windows 2000, Oracle forms developer 6i, reports 6i, TOAD,OEM 9i

# Legal Affairs - General Directorate of Criminal Investigation,

# Ministry of the Interior, Kingdom of Bahrain.

# Jan 1999 – Mar 2001

**Oracle Developer / Analyst**

This system captures all the police cases and the information is sent to Legal affairs directorate and Court based on the crime types. Also this system captures the application request for verification certification of an individual, generate verification certificate( Good conduct Certificate ) for individual for whosoever request for it , for eg. Organization where an individual has applied for job, overseas companies etc. The information is cross checked if the indivual is involved in any cases based on the finger prints , CPR , Name etc.

**Responsibilities:**

* Responsible for the partial development and complete implementation of the system.
* Responsible for installation of oracle 8i production database.
* Migration of database from 8i to 9i.
* Developed database stored procedure and triggers.
* Performed re-organization of tables and indexes to improve performance.
* Managed support for CRO database including monitoring backups , monitoring tables growth statistics.
* Moving production statistics data to testing database.
* Monitoring SQL Statements performance.
* Used OEM and TOAD for the health check of the database.
* Customised report generation using report builder 6.0

**Environment:** **Oracle** 9i/ 8i, IBM AIX 4.3 , CA Datacomb, SNA server, Windows 2000, Windows NT, TOAD,OEM 9i, Oracle forms 6.0 and reports 6.0.

# Coast Guard Directorate,

# Ministry of the Interior, Kingdom of Bahrain.

# Jan 1997 – Dec 1998

**Oracle Developer / Analyst**

System consists of four different Modules namely - Registration, Investigation, Administration (Inventory Control System, Manpower Information System, Correspondence Information System) and System Utilities. The objective of the system is to issue permit cards,owner ship cards , track the renewal of the permit cards, information of the boat owners, persons or company registered to a particular boat etc. the voyage information, the accident information etc. track the information instantly to check if the driver is holding a valid permit by calling the control room at the CGD head quarters. The various dynamic and static reports are incorporated to the system helping the management to make the right decision at the right time.

**Responsibilities:**

* Responsible for the complete system design, development and implementation of the system.
* Responsible for installation of oracle 8.0 production database.
* Migration of the database from 8.0 to 9i.
* Responsible to configure and connect CGD database to ID works software to print Boat Permit and Registration cards.
* Analysed the performance of the database and tuned the database.
* Setup backup and recovery procedures using RMAN.
* Porting the data from mainframe system ( Harbour Master system , Customs and Ports directorate) to Oralce 9i .

**Environment:** **Oracle** 9i/ 8i, Windows 2000, windows 2003,TOAD,RMAN, **SQL\*Loader**, Oracle forms and reports 6.0/6i

**Active Involvement and Full-time Support for the below Projects - Ministry of the Interior, Kingdom of Bahrain**

* Detention & Juvenile System for Women Police Directorate.
* Good Conduct Certificate system for General Directorate of Criminal Investigation.
* Interpol system for General Directorate of Criminal Investigation.
* Prisoners Account Management system for Correction & Rehabilitation Directorate.
* Minor Accident system for General Directorate of Traffic.
* Suspicious Transaction Record system for Anti Economic Crimes Directorate.
* Recruitment System for Under Secretary’s office.
* Correspondence system for Minister’s office Affairs.
* Casuality Bureau system for Civil Defence & Fire Service Directorate.
* Revenue Accounting system for Finance Directorate.
* MOI ID Card system for Planning & Oraganization Directorate.
* Telephone Accounting system for Telephone Section – HR Directorate.
* National Committee for Facing Disaster system for Chief of Public Security.
* ID Card System for Agents for General Directorate for Nationality , Passports and Residence.
* Statistics/Questionnare ( Arrival/departure passenger suggestions ) for GDNPR.