



Mohana Venkata Kalyan Cheerla

♦ E-Mail: kalyancheerla.sbg@gmail.com

♦ Mobile: +1 4128889729

PROFESSIONAL SYNOPSIS

- ♦ A Dynamic & Result-Oriented Professional with **7 years and 7 months of IT and U.S. Healthcare experience** encompassing a wide range of skill set, roles and industry verticals.
- ♦ Extensive experience in requirement analysis, requirement feasibility study, preparing technical and program specifications, coding, code reviews, testing, coordination with stakeholders, production promotion and post-production support.
- ♦ Skilful in handling the critical business requirements by providing quicker and better solutions.
- ♦ Expertise on providing Database Applications Development, Business Intelligence Solutions Development, Quality Assurance for Medicare/Medicaid, Children Health Insurance, Dual Special Needs, Long Term care and Commercial Plans of U.S Healthcare.
- ♦ Extensively worked on the BI Development for the Medicare/Medicaid plans of 25 States in U.S.
- ♦ Expertise on developing **BI Solutions/Reports/Visualizations using SAP Crystal reports, Webi, SAS, R and Tableau** for U.S Healthcare.
- ♦ Expertise on several Claim Processing Engines of UnitedHealth Group named "Community & State Common Strategic Platform", "Optum Health Behavioral Solutions System", "Great Lakes Health Plan's GLHP Platform", "Unison", "Rivervalley", "COSMOS" and "Diamond".
- ♦ Expertise on various Clinical Management Systems Careone, PCCM and Integrated Clinical User Experience (ICUE).
- ♦ Experience on different RDBMS systems like Oracle, Sybase ASE, Sybase IQ, IBM DB2 and SQL Server.
- ♦ Expertise on Database objects/components development using PL/SQL and T-SQL.
- ♦ Expertise on Report templates and Generic report development framework concepts.
- ♦ Expertise on creating complex Data Designs as the basis for report design and ad-hoc reporting.
- ♦ Expertise on Data Modeling.
- ♦ Expertise on creating complex reports using visualizations, hierarchies, crosstabs and sub-reports.
- ♦ Expertise on creating complex parameters and advanced scripting capabilities in reports.
- ♦ Expertise on SQL, PL/SQL and T-SQL. Expertise in writing complex SQL scripts/stored procedures in different RDBMS systems, efficient query designing and Performance Tuning.
- ♦ Expertise on to creating/analysing and troubleshooting complex SQL queries, joins, explain plans and performance of queries individually and under stress.
- ♦ Expertise on ETL through SSIS and Talend.
- ♦ Expertise on report conversions from one platform to another platform as part of data migrations between the platforms.
- ♦ Expertise on BI Solutions Development for EPSDT, CAHPS, NCQA, HEDIS and CMS Audits.
- ♦ Expertise on **Facets Interfaces (Facets ETL) Development using SQL, PL/SQL, T-SQL, SSIS and Talend.**
- ♦ Worked intensively on various modules of Facets - Group/Subscriber/Member, Plan/Product, Providers, Networks, Capitation, Claims, Accounting/Finance, Workflows/Auto Adjudication, Billing, Utilization Management and EDI Proficiency in analysing and translating business requirements to technical solutions and architecture.
- ♦ Expertise on the Implementation/Testing of **EDI Transactions 837, 834 and 835 in Facets.**
- ♦ Expertise on several healthcare business critical projects like Facets Upgrade, 5010 and ICD10.
- ♦ **Trained on Facets Configuration exercise** as part of Externalization and Commercialization program in UnitedHealth Group.
- ♦ Expertise on developing tools/utilities for automating the Facets EDI Testing.
- ♦ Expertise on UnitedHealthcare's Community & State Data warehouses SMART and Galaxy.
- ♦ Have the team leading experience and expertise on Onshore – Offshore coordination model.

TECHNICAL SKILLS

- ♦ **RDBMS Systems:** Oracle, SQL Server, IBM DB2, Sybase ASE and Sybase IQ.
- ♦ **DB Tools:** Oracle PL/SQL Developer, Toad, DB Visualizer, Microsoft SQL Server Management Studio, IBM DB2 Command Editor, Sybase ASE Interactive SQL and Sybase IQ Interactive SQL.
- ♦ **Database Scripting Languages:** SQL, PL/SQL and T-SQL.
- ♦ **Reporting Tools:** SAP Crystal Reports, Webi, SAS, R and Tableau.
- ♦ **Reporting Portals:** CMC (Central Management Console).
- ♦ **ETL Tools:** SSIS and Talend.
- ♦ **Exposure to IBM Products:** IBM PCom and DB2 Command-line Tools.
- ♦ **Healthcare Claim Processing Engine:** Facets
- ♦ **Facets Modules:** Membership, Benefits, Provider, Networks, Capitation, Claims, Workflows, Auto Adjudication, Accounting/Finance, Billing, Utilization Management, Batches, HIPAA Gateway & EDI.
- ♦ **Facets Stream Types:** Interfaces, Extensions and Reports.
- ♦ **Test Management Tools:** HP Quality Centre.
- ♦ **Other Programming Languages:** Java.
- ♦ **Operating Systems:** Windows 10, Windows 7 and Windows XP.
- ♦ **Tools/Packages:** Microsoft Office, Ultra Edit, Notepad++ and Apache Tomcat Web server.
- ♦ **Additional Skills:** Expertise on Testing and Knowledge on Hadoop, BIRT/Actuate, Jasper, Data Structures and Web Technologies.

FUNCTIONAL/TECHNICAL CERTIFICATIONS

Name of Institution	Certification Name	Completion Date
UnitedHealth Group	Six Sigma Lean Certification	June 11, 2017
Oracle	Oracle Advanced PL/SQL Developer Certified Professional	November 15, 2014
America's Health Insurance Plans (AHIP)	AHM-250 (Professional, Academy for Healthcare Management)	October 9, 2013
British Computer Society	ISTQB – ISEB Certified Tester Foundation Level	July 16, 2011
Oracle	Oracle PL/SQL Developer Certified Associate	December 28, 2009

EDUCATIONAL QUALIFICATIONS

Class/Degree	University/Board	Period	% Marks
Bachelor of Technology (Computer Science & Engineering)	Jawaharlal Nehru Technological University (Andhra Pradesh, India)	2006-2010	78.78%
Intermediate (Mathematics, Physics & Chemistry)	Board of Intermediate Education (Andhra Pradesh, India)	2004-2006	96.10%
SSC (Secondary Education)	Board of SSC (Andhra Pradesh, India)	2003-2004	89.17%

CAREER HIGHLIGHTS

Company Name: UnitedHealth Group

Current Role: Senior Software Engineer

Tenure:

- December 2015 – Till Date (Pittsburgh, PA, USA)
- July 2010 – November 2015 (Hyderabad, India)

VISA: H-1B

Notable Achievements & Team Activities:

- **'Topaz Award'** from Florida Healthplan CEO for developing Claims Analytics Solution.
- **'ROCK BAND Award'** from 'UHC Compliance' for CMS Audits.
- **'Sustaining Edge Awards'** for 2017 and 2015.
- **'Ruby Awards'** from Community & State South East and Northeast Health plan Directors.
- **'Sapphire', 'Aquamarine', 'Emerald' and 'Diamond'** Awards for the Initiatives in 2016 & 2017.
- **'STAR Award'** from IT Director for "Claims Auto Adjudication Capital Project" savings in 2011.
- **"Way to Go Awards"** for "5010 Upgrade" and "FICO Data Extraction" projects.
- **"Best Lean Project Award"** for 2017 Q1.
- Certified Trainee in **Facets Configuration**.
- Developed various Tools named **"Impact analyzer", "Effort Tracking Tool", "FICO Test Automation Tool"** and **"EDI 837/834/835 Test Automation Tools"**
- One of the organizers of the most prestigious employee engagement event **"FUSION"** in UHG.
- Hosted an Organization wide Knowledge sharing exercise named **"C&S Community of Practice"** and also played a key role in Org wide **"Facets Community of Practice"**.
- Lead the **"Bright Idea"** and **"Continuous Improvement"** programs of UHG's Operational Excellence Department and resulted in the savings greater than \$500K every year throughout my tenure. Its more than \$3M for past two years.

PROJECT DETAILS

I. UnitedHealthcare Community and State:

March 2014 – Till Date

UnitedHealthCare Community & State Business serves the beneficiaries of Medicare, Medicaid, Children's Health Insurance Plan, Long term care and other government-sponsored health care programs, serving more than 3 Million Adults and Children in 24 Markets. UHC addresses all these markets by customizing FACETS application and is named as "Community and State Common Strategic Platform (CSP)".

Key Deliverables Worked:

- Plan Migrations from Legacy Platforms to CSP Facets
- ICD10 Remediation
- Database Upgrade from Sybase ASE to Sybase IQ
- SMART Analytics
- CSP Facets 5.2 Upgrade and Database Upgrade from Sybase IQ to Oracle
- CMS Audit BI Data Analysis and Analytics
- C&S Growth Expansions

Roles and Responsibilities:

- Gathering Requirements and performing Requirement Feasibility Study.
- Analyzing the Requirements and Preparing Software Specifications Document (SRS) and Solution Summary Document (SSD).
- Preparing Database field mapping documents for the business requirements.
- Participating in requirement reviews and attending the issues/clarifications meeting with Business analysts/System analysts and filling the requirement gaps (if any).
- Scripts development in SQL, PL/SQL and T-SQL.
- Facets ETL development through SSIS and Talend.
- Facets BI Solutions/Reports/Analytics Development using SAP Crystal Reports, SAS, Tableau & R.
- BI Dashboards, BI Stories, and Analytics Creation for the State/Federal Government plan users and for CMS Audits.
- Performing Code reviews/Unit Testing and coordinating with business users.
- Real time testing of deliverables.
- Defect Reporting and Management.
- Participating in User Acceptance Testing.
- Performing the production promotion process for the deliverables signed off by the business.
- Creating templates and checklists to reduce the development effort and to improve the quality.
- Scheduling the Crystal Reports based Report files on CMC (Central Management Console).
- Tracking the project delivery as per QMS Process Measures.
- Doing Value additions with the innovative reporting capabilities and driving the business to savings.
- Led the BI Team.
- Developed a BI Reporting framework and Inhouse delivery tracker as per the advanced needs of the users.
- Created the BEST Practices for BI World and created the reporting suite as BI Product for the new set of states that are entering into the scope of UnitedHealthcare for their Medicare/Medicaid operations.
- Worked with the Compliance Department on data support/data analysis and won the "UHC Compliance Rock Band Award".

Data Models: CSP Facets and SMART Datawarehouse.

Database: Sybase ASE, Sybase IQ, SQL Server and Oracle

Tools/Technologies Used: Sybase ASE Interactive SQL, Sybase IQ Interactive SQL, Oracle PL/SQL Developer, Microsoft SQL Server Management Studio, DB Visualizer, SSIS, Talend, SAP Crystal Reports, CMC (Central Management Console), SAS, Tableau and R.

II. UHC Clinical Solutions:

October 2013 – February 2014

"UHC Clinical Solutions" project is to address UnitedHealthcare's Business by supporting the clinical operations that they were providing to the beneficiaries of Medicare, Medicaid, CHIP, LTC and other government sponsored programs. The scope of this project is to develop Careone to SMART Datawarehouse Interfacing ETL Scripts and all Detail oriented, daily/weekly reports from the Careone Clinical Management application and summary/analytical reports from SMART Data Warehouse.

Roles and Responsibilities:

- Gathering Requirements and performing Requirement Feasibility Study.
- Analyzing the Requirements and Preparing Software Specifications Document (SRS) and Solution Summary Document (SSD).
- Preparing Database field mapping documents for the business requirements.
- Participating in requirement reviews and attending the issues/clarifications meeting with Business analysts/System analysts and filling the requirement gaps (if any).
- Database scripts development in T-SQL and Oracle PL/SQL.
- ETL Development through SSIS.
- Developing BI Solutions and Dynamic/Multi-tabbed Reports using SAP Crystal Reports and Tableau.
- Closely working with State/Federal Government plan users and Auditors on the BI Solutions end – end development/delivery.
- Performing Code reviews/Unit Testing and coordinating with business users.
- Real time testing of deliverables.
- Defect Reporting and Management.
- Participating in User Acceptance Testing.
- Performing the production promotion process for the deliverables signed off by the business.
- Scheduling the Crystal Reports based Report files on CMC (Central Management Console).
- Creating templates and checklists to reduce the development effort and to improve the quality.
- Tracking the project delivery as per QMS Process Measures.
- Doing Value additions with the innovative reporting capabilities and driving the business to savings.

Data Models: Careone and SMART Datawarehouse.

Database: SQL Server and Oracle

Tools/Technologies Used: SQL Server Management Studio, Oracle PL/SQL Developer, SSIS, SAP Crystal Reports, CMC (Central Management Console) and Tableau.

III. COSMOS Reporting Solutions:

January 2013 – September 2013

COSMOS is a strategic United Healthcare's claims platform – Comprehensive Online Software for Management & Operational Support. The COSMOS suite provides membership and claims processing of nearly 7 million members with a monthly claims volume of over 3.5 million for Medicare and Retirement, Medica and Optum Businesses. Currently active user codes exceed 16,000. COSMOS Reporting Solutions project provides Regulatory, Financial, Analytical and Operational Reporting services to Business stakeholders involved in Commercial, Medicare & Retirement, Medica and Optum Businesses with summarized and detail reporting capabilities. Data reporting uses vary and include – Member Demographics, Provider Utilization, Appropriateness of care, Fraud and Abuse, Customers, Product Penetration, Network Adequacy, Claims processing/payment and Financial performance of United Health Group.

Roles and Responsibilities:

- Gathering Requirements and performing Requirement Feasibility Study.
- Analyzing the Requirements and Preparing Software Specifications Document (SRS) and Solution Summary Document (SSD).
- Preparing Database field mapping documents for the business requirements.
- Scripts development in SQL.
- Reports Development using SAP Crystal Reports, Webi and SAS.
- Performing Code reviews/Unit Testing and coordinating with business users.
- Real time testing of deliverables.
- Defect Reporting and Management.
- Participating in User Acceptance Testing.
- Performing the production promotion process for the deliverables signed off by the business.
- Scheduling the Crystal Reports based Report files on CMC (Central Management Console).
- Creating templates and checklists to reduce the development effort and to improve the quality.
- Tracking the project delivery as per QMS Process Measures.

Data Models: COSMOS and Galaxy

Database: IBM DB2

Tools/Technologies Used: SAP Crystal Reports, Webi, SAS and IBM DB2 Command line tools.

IV. Optum Health Facets Solutions:

July 2010 – December 2012

Optum Health Solutions project serves the beneficiaries of Commercial plans through Optum Health Facets platform. It was configured on the Third Party Facets application with proper customizations. Optum Health Facets Platform host the data of Members/Providers and does the operations - Claims

processing, accounting, billing, capitation, service pricing, service payment, workflows, auto adjudication, customer service and utilization management etc. This project provides the technical solutions to plan users through various application developments, testing and business intelligence activities.

Key Deliverables worked:

- **Facets 4.7 Upgrade** – Role: ETL Testing and Reports Development.
- **5010 EDI 837, 834 and 835** – Role: ETL/Report Development, EDI Testing & Tools Development
- **FACETS Copy and Paste Extension** – Role: ETL Testing and Reports Development.
- **Auto Adjudication Capital Interface** – Role: ETL/Report Development and Database Testing.
- **FACETS Warning Messages Extension** – Role: ETL Testing and Reports Development.
- **FICO Data Extraction** -Role: ETL/Reports Development & Automation Testing Tool Development.
- **Peoplesoft Upgrade** -Role: ETL/Reports Development & Automation Testing Tool Development.

Roles and Responsibilities:

- Gathering Requirements and performing Requirement Feasibility Study.
- Analyzing the Requirements and Preparing Software Specifications Document (SRS) and Solution Summary Document (SSD).
- Preparing Database field mapping documents for the business requirements.
- Participating in requirement reviews and attending the issues/clarifications meeting with Business analysts/System analysts and filling the requirement gaps (if any).
- Facets Database Scripts development in SQL and PL/SQL.
- Facets ETL Development through Java Framework.
- Facets Reports Development using Crystal Reports and SAS.
- Performing Code reviews/Unit Testing and coordinating with business users.
- Master Test Plan and Test case document preparation.
- Test Plan and Test Case Suite UAT.
- Data Matrix Preparation and Test Data Preparation.
- Test Execution.
- Integration Testing along with System Testing where applicable
- Defect Reporting and Management.
- Defect Retesting.
- Conducting the User Acceptance Testing meetings and presenting it to the Business Users.
- Testing Automation Tools Development to automate the manual testing effort as much as we were able to.
- Creating templates and checklists to reduce the development effort and to improve the quality.
- Tracking the project delivery as per QMS Process Measures.

Data Models: OHBS Facets.

Database: Oracle.

Tools/Technologies Used: Toad, Java, MyEclipse, Crystal Reports, SAS & HP Quality Centre.

PERSONAL DETAILS	
Full Name:	Cheerla, Mohana Venkata Kalyan
Father's Name	Cheerla, Lakshmana Prabhakara Rao
Current Location	Pittsburgh
Address	2905 Village Road, Pittsburgh, Pennsylvania 15205 USA
Marital Status	Single
Email Id	kalyancheerla.sbg@gmail.com
Contact Number	+1 - 412 888 9729

I hereby declare that the above written particulars are to the best of my knowledge and belief.

References: Available upon request.

Date: 02/04/2018

Place: Pittsburgh

Mohana Venkata Kalyan Cheerla