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## PROFESSIONAL EXPERIENCE:

California State Guard Reserve

04/2024-To Present

### **E-4 Specialist Cyber Analyst-Cyber Command Reserve (Volunteer)**

- Support National Guard units and local law enforcement with best practices securing sensitive data and hardening security
- Provide guidance on improved Governance Risk Compliance and Identity Access Management practices for cloud based data storage and architecture

World Wide Technology, Remote

04/2024-7/2025

### **Data Architect**

- Kimball model datawarehouse for EDI X12 Claim (837)/Remit (835) data from AWS S3 parquet to dimensional model in Aurora Postgres
- Proof of Concept streaming data to predict hospital readmission risk used AWS tech stack AWS Lambda / SageMaker / Glue and Tableau to build interactive dashboard
- AWS Glue Catalog using Python of Claim/Remit JSON data to datamart
- Migrated from AWS SQL Server RDS to Aurora Postgres using DMS
- Proof of Concept Databricks X12 EDI Ember to build Claims datamart for 837-I & 837-P
- SQL Server stored procedure tuning and code refactoring

Emids, Remote

03/2021-3/2024

### **Solution Developer/Data Architect**

- Designed, developed & implemented system migration for Authorizations & Referrals from CareRadius to MedHOK/Epic Payer Platform using SQL Server & Altova MapForce client/server automation
- Designed & assisted in development system migration for Medical Claims 837-I & 837-P to Epic Payer Platform(Oracle 12c) /Cognizant
- Claim and remit revenue cycle semantic model in dbml for data engineers and service line leaders
- Implemented GCP BigQuery open source tools (dbt) data pipeline and analytics for FHIR
- Performed data analytics using Jupyter Notebooks & Databricks connected to AWS S3 Buckets
- Azure Synapse for pharmacy operations dashboard built on harmonized data from PioneerRx and PrimeRx
- Informatica Powercenter ETL for claims and encounter data flows
- Health plan datamart using Snowflake datawarehouse
- Salesforce Net Promoter Score report development for analytics, automation & visualization in Tableau
- Powershell automation of ETL for datamart and Power BI dashboard enterprise reporting
- Databricks Unity Catalog for health plan client
- Led client engagement for the upgrade of respective Core Administrative Processing system including gathering requirements, documenting gaps, and enabling solutions for the migration from on-premise to cloud native Amisys 6.5 version to 8.8.3

Kaiser Permanente (Robert Half/Rose International), Pasadena, CA

12/2017-01/2021

### **Health Information Management (HIM) Subject Matter Expert (SME) (Contractor)**

- Epic Clarity Medical Billing data analysis, report development and process automation
- HCC/DRG reimbursement model schema design and data modeling

- Designed, developed, and automated APR DRG Pricer tool increasing collections \$3.4 Million built using Teradata/ Oracle 12c PL SQL & Epic Resolute/Clarity
- Revenue Cycle dashboard: Solution Design & Development using Tableau & Oracle 12c PL/SQL built out analytics cube and datamart; 100+ user population
- Tapestry/Resolute data integration and denial volume reporting, data mapped semantic, aligned Denial Codes with industry standards
- Tapestry benefits and employer group contracts configuration data analysis primarily in support of legal discovery

Conifer Value Based Care, Encino, CA

01/2014-11/2017

**Data Integration Specialist**

- Solution Development Lead
  - HCC/DRG data modeling and schema design
  - Qualified Medicare Beneficiaries (QMB) Claims processing
    - Agile sprint development, assess business requirements, identify technical architecture, code solution and deliver automated process representing \$6M in annual claims
  - Healthcare Claim Payment/Advice Implementation (835)
    - Coordinated Offshore development team, effort to support \$30M in annual payments
  - HL7 formatted data ETL
    - Agile sprint implementation, partner with Chief Architect to build out HL7 strategy, 40gb of monthly data
- Developed:
  - HEDIS/RAF/Pay for Performance clinical data model –Ascender/DST/Cozeva
    - Ascender reporting solution built out in SSRS
    - Cozeva implementation using AWS Redshift
    - Mentor Clinical Data Analysts, Coordinate Data Analysts, Provide expertise on Enterprise data model integration
  - Electronic Data Interchange (EDI- ASC X12) compliant encounter parsing engine
    - solution built in BCP and SSIS
  - ETL process for non-standard encounter data
    - used SSMS DTS
  - Master Data Management for Disproportionate Share Hospital reporting
  - Data quality analysis for Credentialing workstream
- Co-Developed:
  - Qualified Health Plan extract for CMS distributed data processing tool --EDGE Server
    - Solution used MySQL and AWS
- Enhanced:
  - Master Data Management for encounter data
  - ETL process for Accountable Care Organizations (ACO) data
  - Provider Network data model for reimbursement schedules

Conifer (Robert Half Management Resources), Encino, CA

06/2013-12/2013

**Healthcare Report Developer/Data Analyst- Project Consultant**

- Developed, implemented, and delivered reporting process improvement using Crystal Reports and SQL Server 2005/2008 R2
  - solution built out in Crystal Reports and SSRS

CIBA Insurance Services, Glendale, CA

02/2013-05/2013

**Senior Financial Analyst**

- Developed, implemented, and delivered reporting process improvement using VBA, Excel, PowerPivot, and Microsoft Query
- Designed metric based (total insurable value, units, square feet) allocation of cost of goods sold
- Enhanced financial reporting by matching cost of goods sold to earned premium
- Facilitated change in accounting method from period cost to inventoriable cost for cost of goods sold

Kaiser Permanente, Pasadena, CA  
09/2011-12/2012

**Senior Financial Analyst- Project Consultant** (Robert Half Management Resources)

- Developed VBA, Excel, Access tool to evaluate Vendor Master records (approx. 250,000)
- Developed, implemented, and delivered quarterly escheatment process
- Designed escheatment notification tool to perform mail merge and reporting
- Managed third-party mail services supplier to deliver on time and on budget
- Researched, evaluated and made recommendations of data quality analysis tools
- Converted 50,000 legacy vendors to Peoplesoft environment

**Senior Internal Auditor-Project Consultant** (Robert Half Management Resources) 09/2011-11/2011

- Performed national compliance audit of the implementation of Patient Protection and Affordable Care Act (PPACA)
- Documented changes to Health Plan Administration and tested for compliance across the Office of Inspector General's seven elements of control
- Examined the National Member Services, Sales and Administration (MSSA) workstream including Regional Health Plan Administrations and the Shared Service Centers to identify opportunities to mitigate risk

Full time MS Taxation student and Tax clinician volunteer  
02/2011-08/2011

Topa Insurance, Los Angeles, CA  
08/2009-01/2011

**Financial Analyst**

- Reported budget and forecast variances for revenue, loss ratios, capital and operating expenses
- Queried SQL Server to extract financial performance data for both ad hoc and filing requirements
- Audited and updated stored procedures used for financial close using Query Analyzer
- Performed market research of multi-line property casualty companies
- Compiled and manipulated SQL Server data through Excel, Access, and VBA
- Analyzed monthly capital adequacy requirements
- Projected cash flow need on a rolling basis

Year to complete coursework necessary for CPA (Exams Completed 3/2010)  
05/2008-07/2009

Zurich Financial Services/Farmers Insurance Group, Los Angeles, CA

**Financial Controller- IT Finance**

06/2006-04/2008

- Prepared the annual expense budgets for (approximately, \$100M in aggregate spend)
  - Desktop Support Services
  - Infrastructure-Network/Telecom
- Performed Due Diligence of technology contracts and responses to Request for Proposals
  - Cellular communications contract negotiations (approx. \$30M in annual spend)
  - Global Desktop Outsourcing Agreement (NA approx. \$30M in annual spend)

- Researched, evaluated, selected and implemented Telecommunications Expense Management tool, including data validation, analysis capabilities and user interface
- Conducted economic evaluations, Return on Investment (ROI) analyses, and cost/benefit studies for the procurement of technology hardware and software using data extracted from SAP and manipulated in Access

**Project Consultant**

12/2004-06/2006

International Rectifier, El Segundo, CA

**Financial Analyst**

- Developed various Key Performance Indicator (KPI) reports, scorecards for Quarterly Earnings investment analyst conference call

Full Spectrum Lending (division of Countrywide Financial Corp.) Pasadena, CA

**Financial Analyst- Project Contract**

- Designed and developed 13 month trending Scorecard/KPI reporting tool; including, SQL queries to order, rank, subtotal/bps/average for loan revenue, expense and units using MS Access

Hudd Distribution (subsidiary of A.P. Møller Mærsk), South Gate, CA

**Financial Analyst- Project Contract**

- Designed NPV/cash flow analysis for CapEx buy/lease chassis project

Pacific Gas and Electric Company, San Francisco, CA

10/2001-08/2004 **Business Analyst (Includes Contract)**

- Provided cost planning, monitoring, analysis, and forecasting for provider cost centers (PCCs), which included monthly analysis/variance explanation of actual versus planned costs to Director/Cost Center owner
- Reviewed, audited and paid local common carrier invoices, both manual and through Electronic Data Interchange (EDI)
- Prepared audit sheets for seventy-five million dollars of county level property tax payments

**EDUCATION, PUBLICATION, AND CERTIFICATION:**

07/2025 Databricks Fundamentals

07/2023 [Google Cloud Leader](#)

12/2019-03/2020 Oracle 12c SQL Tuning & Performance Management

09/2018 Data Visualization with Tableau Specialization, UC Davis/Coursera

03/2012 Provena Portends? *CSUN Tax Development Journal* , Vol. 3 (2013)

Examines Hospital Taxation and the PPACA

02/2012 M.S. Taxation California State University Northridge

11/2010 CPCU 520: Insurance Operations & Statutory Accounting

10/2010 Certified Internal Auditor (CIA)

07/2010 Certified Treasury Professional (CTP)

06/2010 Certified Information Systems Auditor (CISA)

03/2010 CPA exams completed

02/2008 American Institute for CPCU and Insurance Institute of America: Certificate in General Insurance

09/2004 Microsoft Certificate: Access Specialist

06/2002 B.A. Politics, University of California, Santa Cruz

Bookstein Tax Institute (CSUN), Northridge, CA

12/2010-2/2012

**Graduate Tax Clinician- Volunteer**

Prepare tax returns for low-income individuals that include bankruptcies, foreclosures, offer in compromise

**INTERNATIONAL EDUCATION:**

University of California Education Abroad Program:

03/2001-08/2001 Pontifica Universidade Catolica, Rio de Janeiro, Brazil

01/2001-02/2001 Salvador, Bahia, Brazil Intensive Language Study Program

