

ALAPATI CHAITANYA KRISHNA

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Harrisburg, PA (Open to Relocation)

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PROFESSIONAL SUMMARY

Business/ Data Analyst with 3+ years of experience in Healthcare and Enterprise Operations. Specialized in using **SQL and Python** to mine, model, and validate clinical datasets. Experience processing **2M+ patient records** and building **Tableau dashboards** to drive operational efficiency. Proven ability to present data narratives to executive leadership and automate reporting workflows. Master's in Business Analytics from WashU.

EDUCATION

WASHINGTON UNIVERSITY IN ST LOUIS, OLIN BUSINESS SCHOOL, St. Louis, MO

August 2024 - December 2025

Master of Science in Business Analytics - Supply Chain (GPA – 3.7)

- **Relevant Coursework:** Database Design & SQL, Big Data & Cloud Computing, Machine Learning Tools, Prescriptive Analytics, Operations Analytics, Advanced Operations Strategy, Project Management, Professional Business Communication
- **Teaching Assistant – Revenue Management,** Washington University in St. Louis

GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, Bengaluru, Karnataka, India

June 2017- June 2021

Bachelor of Technology in Electronics and Communication

Honors: First Class with Distinction | **CGPA:** 8.58/10.0

PROFESSIONAL SKILLS

- **Data Analysis & QA:** SQL, UAT, Risk-Based Testing, Defect Triage, Data Validation, API Testing (Postman), Regression Testing.
- **Business Analysis & Operations:** BRDs, Functional Specifications, Acceptance Criteria, User Stories, Process Mapping, Gap Analysis, Stakeholder Management, Operational Reporting, SLA Management
- **BI & Data Analytics:** Tableau, Power BI, KPI Reporting, Data Validation, Advanced Excel (VBA, PowerPivot)
- **Quality Assurance & Delivery:** UAT, Regression & Integration Testing, Defect Triage, Audit Readiness
- **Supply Chain & Financial Operations:** Inventory Analytics, Budget Tracking, Reorder Planning, Procurement Support
- **Systems & Tools:** ServiceNow, Microsoft Dynamics 365, JIRA, Postman (API Testing), MySQL, AWS (concepts)

EXPERIENCE

CENTER FOR EXPERIENTIAL LEARNING, OLIN BUSINESS SCHOOL, St. Louis, MO

January 2025 - May 2025

Quantitative Business Analyst Consultant

- Consulted for hospitality clients operating on **3–5% margins**, designing **SQL-based demand and inventory models** to address inventory inefficiencies driven by shelf life and supplier lead times.
- Developed **mobile-accessible Tableau dashboards** to replace manual tracking, providing leadership with real-time visibility into inventory, sales, and cost drivers.
- Enabled data-driven reorder planning, reducing perishable inventory waste by **15%** and improving monthly **budgeting accuracy**.

ACCENTURE, Bangalore, India

May 2022 - January 2024

Business Architecture Analyst (Technical Business Analyst)

- Owned **functional, data, and operational analysis** for **five enterprise marine insurance applications**, managing **billing, premium, and endorsement** data flows across the policy lifecycle.
- Authored **65+ BRDs** and functional specifications, translating complex underwriting guidelines into clear, testable system requirements for development teams.
- Stabilized a fragmented **multi-vendor environment** by re-establishing stakeholder communication, directly enabling the clearance of a **100% project backlog**.
- Managed **end-to-end defect triage using ServiceNow** and Microsoft Dynamics, prioritizing critical issues to restore on-time delivery cadence.
- Led documentation and data mapping for modernization of **14+ year legacy systems**, simplifying backend **SQL** connectivity and improving data retrieval efficiency.

ACCENTURE, Bangalore, India

August 2021 - April 2022

Test Associate

- Performed **SQL-based data mining** and validation on complex **healthcare datasets** (Patient, Provider, and Drug data), ensuring 100% data integrity for clinical applications.
- Developed **automated data quality scripts** using **SQL**, identifying discrepancies in clinical reporting and reducing manual validation time by 25%.
- Improved testing efficiency by leading regression automation initiatives, reducing manual validation effort by **25%** while maintaining zero production defects.

PROJECT EXPERIENCE

HEALTHCARE GEO-ANALYTICS & PREDICTIVE MODELING

- Engineered ETL workflows using SQL and Python (GeoPandas) to process and validate 2M+ healthcare records, implementing automated checks that resolved 48% of missing values to ensure data accuracy.
- Designed interactive Tableau dashboards combining demographic and spatial metrics, utilizing regression analysis to identify high-risk regions and support data-driven resource allocation.