

SHABIB KHAN

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Summary: Audit and Data analytics Leader with 6+ years of experience in data science, audit, business and governance. Expertise in auditing technologies that underpin critical business areas, SQL, Python, and Power BI, building scalable data models and executive dashboards to optimize capacity, resource allocation, process optimization and business growth. Proven ability to lead cross-functional teams, architect cloud data solutions, and lead teams, with a track record of delivering internal audit support, risk assessment, control evaluation, and governance recommendations in complex financial and enterprise environments.

Technical Skills

➤ Database

- SAP
- Google Cloud / Snowflake
- Agris / Intelix /JDE/ ETL / Blackline
- PostgreSQL
- MS SQL Server/ Access

➤ Programming

- SAP ABAP
- SQL, R & Python
- HTML & MATLAB

➤ Methodologies

- Agile, PMLC, SDLC

Software

➤ Data Governance

- Tableau
- Power BI
- Excel
- SAC

➤ Big Data & Cloud

- AWS
- GCP
- Snowflake
- S4 HANA
- Agris
- Intelix
- JDE
- ETL
- Blackline

➤ Project Planning

- Microsoft Excel
- MS Project
- JIRA
- Kanban
- Azure DevOps.

Master Data Mgmt.

- Data Visualization
- Data Warehouse
- Data Analytics and Modeling
- Data Quality Monitoring (Completeness, Accuracy, TimeLine).
- Data Definitions & KPI standardization.

Business Analysis

- Requirement Gathering
- Strategic Planning
- Risk Management
- Storytelling and forecasting

Project Management

- Agile Development
- Project Scheduling and Management
- Quality Assurance & Test
- Change Control

Work Experience

CHS Inc. | *Experienced, Business Intelligence & Data Scientist | Internal Audit* May 2023 - Present

- **Leadership in Audits & Technology:** Led technology and operational audits for multiple business units/functions, including Finance and Treasury, Planning, Operations, Inventory management and IT. Conducted comprehensive planning, testing/fieldwork, and reporting to identify potential threats and vulnerabilities in technology systems. Identified Processes, Risks, & Controls for audits, creating the Risk Control Matrix to focus on key areas.
- **Risk Assessment & Audit Alignment:** Applied statistical models in Python, R (regression, clustering, gradient boosting) data analysis via Power BI or Tableau to identify operational risks and gaps, perform trend analysis, better sample selections and deliver audit-aligned performance monitoring supporting risk and compliance governance.
- **Business & Performance Analytics:** Delivered governed, decision-ready insights by translating business questions into standardized KPIs and executive level Power BI dashboards integrated with ERP and CRM sources SAP, JDE, Blackline, Intelix, CMIS, D365 into Snowflake (warehouse modeling, ELT pipelines) data environments, automated **115+** dashboards using Power BI, Tableau and SAC, improving data accuracy and adoption, reducing manual reporting by **60%** and enabling faster executive decision-making.
- **Audit Planning, Business Requirements & Management:** Developed and maintained a suite of audit management reports like multi-year audit planning (3 year forward view), audit scheduling with resource allocation, real-time phase-level audit cycle duration tracking, and a historical findings log with feedback which collectively optimized team capacity, performance, and effort resulted in a 65% increase in annual audit throughput from 20 to 33 audits per year.
- **Analytical Impact & Cost Savings:** Conducted advanced data analytics and process optimization studies that identified inefficiencies and delivered actionable insights, resulting in \$1.2 million in cost savings.
- **Process Optimization & Automation:** Designed and deployed multiple automation bots using UiPath and Power Automate and Apps to automate the SOX workpapers process and controls data extraction from system, reducing turnaround time from 6 weeks to just 2 hours, and also to automatically generate monthly audit findings reports across multiple segments to streamline audit reporting and findings/gaps business unit (BU) owners notifications.
- **Continuous Monitoring and Continuous Auditing:** Prepared and presented daily continuous monitoring and auditing global level dashboards to senior management/ stakeholders, to keep track of the abnormality in data, latest development in technologies, compliance check and ensuring risk management.
- **Recommendations for Remediation:** Developed & communicated recommendations for remediation after verifications of the issues/gaps/findings to BU leadership, enhancing internal controls & operational efficiency, and ensuring timely resolution of control deficiencies.
- **Reporting & Training:** Gathered and analyzed business requirements to produce specifications, develop ad-hoc queries, and deliver stakeholder reports, acting as liaison between business units and report developers. Introduced Dataiku, Audit and Power BI best practices, and automation frameworks to modernize audit workflows, and designed and led training sessions to enhance analytical proficiency and promote a data-driven culture across internal teams.

Accenture

- *Application Development Senior Analyst/Senior Engineer* Dec 2020 – Nov 2021
- *Application Development Analyst/ Innovator* May 2020 – Dec 2020
- *Application Development Associate/Junior Engineer* Oct 2018 – May 2020
- **GCP Data Delivery:** Led a cross-functional team and successfully delivered 66+ data objects on GCP in a 6-month timespan by analyzing & synthesizing **150+** objects in SAP ABAP & S4 Hana which was recognized by the client.
- **Data Architecture and Migration:** Constructed data architecture and modeling solutions utilizing relational, dimensional, and NoSQL databases across **GCP** and **Atscale**. Migrated legacy ELT and AWS frameworks to GCP, providing leadership with detailed reports for strategic assessment.
- **Data Cleansing Initiatives:** Led enterprise data quality and cleansing initiatives for large data sets, improving reporting accuracy and standardization across large datasets.
- **Code Review and KPI Establishment:** Conducted code reviews leading to the successful generation of 27 UAT reports and established KPIs to reduce testing transition times and enhance product quality.
- **Agile Team Coordination & Task Allocation:** Led and managed cross-functional project teams across SAP and GCP migration engagements, overseeing sprint planning, task allocation, career development coaching, and delivery execution for pharmaceutical and supply chain finance clients.
- **High-Impact Software Development:** Contributed as a software developer for 10+ high-impact modules and resolved bottlenecks by coordinating between Client stakeholders and functional analysts.
- **UAT/SIT Support:** Individually fixed 200+ software bugs and minor/major enhancements throughout various phases of UAT/SIT cycles to support major product releases.
- **SQL Server Architecture:** Architected Client SQL Server database essentially utilized for reporting, along with processes to extract, transform & load data using stored procedures, user-defined functions, and ad hoc queries to support end-user reporting requirements.
- **Data Visualization:** Designed and implemented visualization for unstructured and structured data sets, utilizing Tableau and Power BI to support executive leadership in making strategic decisions.
- **SAP ABAP and S4 HANA Development:** Experienced in SAP ABAP and have designed multiple financial and functional codes for S4 HANA implementation project for a US pharmaceutical client.
- **Techno-Functional Consulting:** Served as a techno-functional consultant for OTC (Order to Credit), PTP (Procure to Pay) and RTR (Record to Report) processes for financial process lifecycles and product industry clients.
- **QA and Defect Management:** Analyzed outcomes of test cases while performing all aspects of a defect life cycle tracked and communicated the findings across client stakeholders.

Education

M.S. in Applied Data Science | *Syracuse University* GPA 3.8/4

B.E. in Electronics and Telecommunication | *University of Pune* GPA 4/4

May 2023

May 2018