

Shashank Prasanna Kumar

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Result-driven analyst with 5+ years of experience in **business analysis**, **project management**, and **technology consulting** across healthcare, retail, and technology sectors. I am a certified SAP EWM / MM, Oracle ERP, SQL, Tableau, and Excel. Strong expertise in **forecasting**, **scheduling**, **inventory optimization**, **cross-functional collaboration**, and vendor management.

Experience

University of Illinois Hospital & Health Sciences

Chicago, IL

Senior Data Analyst – Technology & Operations

July 2024 – Present

- Engineered RDBMS schemas using **SQL and MS Access** to streamline workflows to **boost department productivity by 10%**, through optimized query execution and data retrieval
- Improved efficiency by analyzing inventory data which reduces discrepancies by 10%, and enhancing resource allocation
- Implemented forecasting models to Clinical inventory to predict demand forecasting with **80% accuracy** and utilized **Vizient**
- Collaborated with cross-functional stakeholders to gather requirements develop customized **Tableau reports** for key decisions

Business Systems Analyst

Nov 2023 – June 2024

- Optimized data integration workflows** by designing SQL-based data transfers from Vizient & ERP systems to Epic EMR, achieving **25% improvement** in patient record management efficiency
- Conducted root cause analysis** and redesigned procurement workflows, reducing vendor-related delays by **20%** and enhancing supply chain reliability through process automation
- Developed and deployed workflow automation tools** using Power Apps and Power Automate, reducing manual data entry by **22%** and improving operational efficiency across departments

Infosys Ltd

Bangalore, India

Business Consultant

Nov 2021 – Dec 2022

- Configured and automated Oracle EBS workflows** for order and warehouse management, enhancing operational efficiency by **45%** and ensuring seamless alignment with business requirements
- Implemented technology solutions** by developing ETL pipelines in Oracle EBS for freight charge analysis, resulting in **30% cost reduction** and **18% increase** in order processing efficiency
- Automated business processes** using Python, achieving **95% accuracy** in order management workflows and developing interactive **Tableau dashboards** integrated with Oracle ERP for real-time KPI tracking
- Managed technical issues** via ServiceNow, resolving incidents within SLA parameters with **95% resolution rate**, enhancing client satisfaction and maintaining strong working relationships

Flipkart - Walmart-owned

Bangalore, India

Operations & Supply Chain Analyst

Jul 2019 – Oct 2021

- Drove business insights** through data analysis, creating MySQL queries to analyze trends and build predictive models for inventory optimization, delivering **\$0.5M annual savings** through strategic space reallocation
- Designed and implemented digital solutions** by building interactive Tableau dashboards tracking **20+ KPIs**, enhancing real-time visibility into order fulfillment and inventory management
- Improved operational efficiency** by implementing advanced cycle count workflows in **SAP EWM** and leveraging **SQL** for reconciliation, achieving **98% inventory accuracy**
- Conducted process improvement initiatives** through time and motion studies, decreasing schedule-to-dispatch time by **12%** and optimizing resource allocation

Education

Master of Science in Management Information Systems

Jan 2023 – May 2024

University of Illinois - Chicago

GPA: 3.86/4.0

Relevant Coursework: Business Data Visualization, Database Management, Supply Chain Analytics, Operations

Academic Projects:

- SkyWest Airlines Performance Analysis** : Analyzed performance metrics vs top 5 competitors using Tableau, delivering recommendations that increased customer satisfaction by 20%
- Inventory Forecasting Model**: Built ETL-based forecast models with comprehensive quantity, revenue, and profit analysis
- Walmart Sales Dashboard**: Developed Excel VBA dashboard for KPI tracking, enabling proactive stockout prevention

Bachelor of Engineering, Mechanical Engineering

Aug 2015 – May 2019

M S Ramaiah Institute of Technology [*Visvesvaraya Technological University*]

GPA: 8.6/10.0

Technical Skills

Programming & Databases: Python, SQL (MySQL, MS SQL), R, Java, ETL, VBA

Analytics & Visualization: Tableau, Power BI, QlikView, Excel, Minitab, Statistical Analysis

Enterprise Systems: SAP EWM/MM, Oracle ERP/EBS, Epic EMR, Vizient, ServiceNow, Jira

Cloud & Automation: AWS, Power Apps, Power Automate, MS Access, Process Automation

Methodologies: Agile, Six Sigma, Business Analysis, UAT, Project Management (PMP - In Progress)