

PRIYANKA BANDARU

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Summary

Results-driven Information Systems graduate (M.S., GPA 3.97/4.0) with hands-on experience in **data analysis, business analytics, and system design** across academic and industry projects. Proven ability to collect, clean, analyze, and visualize data using **SQL, Python, Tableau, Power BI, and Excel** to support data-driven decision-making. Experienced in requirements gathering, process modeling (BPMN), enterprise architecture (TOGAF), and Agile methodologies. Former Systems Engineer at Infosys with strong exposure to Appian BPM, workflow automation, dashboards, and system integration. Seeking entry-level to early-career roles in **Business Analysis, Data Analytics, or Systems Analysis**.

Skills

Programming & Querying: SQL, Python, HTML, CSS, JavaScript, Database Management Systems (DBMS)

Data Visualization Tools: Advanced MS Excel, Power BI, Tableau

Analytical Abilities: Data Cleaning, Exploratory Data Analysis (EDA), Insight Generation, Descriptive Statistics

Databases, Data Warehousing: MySQL, PostgreSQL, SQL Server, Google BigQuery

Methodologies & Practices: Agile, Scrum, Jira, SDLC, Data Governance, Security & Privacy Fundamentals

Business & Systems Analysis: Requirements Gathering & Documentation, Business Process Modeling (BPMN), Enterprise

Architecture (TOGAF), Workflow Automation, System Integration

Education

Masters in Information System

Saint Louis University, St. Louis, MO

Graduated: 2025

CGPA: 3.97 / 4.0

Bachelors in Electroincs& Communication Engineering

Vardhaman College of Engineering, Shamshabad, Hyderabad

Graduated: 2021

CGPA: 8.24/10

Experience

Saint Louis University

Student Worker

St. Louis, MO, USA

April 2024 – May 2025

- Collected, cleaned, and transformed operational data using Excel and Python for accurate reporting and analysis.
- Designed smart Excel templates embedded with lookup functions and pivot logic, saving 40% reporting time across a department.
- Performed data validation and quality checks to ensure accuracy across order logs, supplier receipts, and inventory records.
- Analyzed historical demand patterns using statistical techniques to support forecasting of staffing needs and inventory replenishment.

Infosys Ltd

Systems Engineer

Hyderabad, Telangana, India

Nov 2021 – July 2023

- Developed and maintained low-code applications on the Appian BPM platform, improving business process efficiency and reducing manual workload.
- Created and managed Appian Records, CDT structures, Data Store Entities, and Expression Rules for optimized data handling and UI logic.
- Built user-friendly task forms and dashboards, enhancing visibility and decision-making for end users and stakeholders and deployed applications across environments (Dev) using Appian's deployment tools and packages.
- Participated in Agile ceremonies such as sprint planning, daily stand-ups, and retrospectives and worked independently and collaboratively with development teams to implement effective IT solutions.
- Led system integration efforts involving multiple applications, ensuring seamless communication between platforms.
- Assessed customer requirements and translated them into clear, actionable technical specifications.

Projects

Masters Research Project: | *Tableau, SQL, Python, BPMN*

- Designed and developed an interactive **Business Analyst Job Finder Dashboard** as part of a group capstone project, translating job market data into actionable insights through intuitive visualizations and .
- Designed and developed an interactive **Tableau dashboard** to help users identify Business Analyst job trends by role, skill demand, region, and salary across multiple industries.
- Gathered, cleaned, and analyzed job data using **SQL (AA5100)** and **Python (IS5200/5500)**, applying datadriven methods for accurate and ethical decision-making.
- Utilized **BPMN diagrams (IS5500)** and **TOGAF enterprise architecture (IS5000/5100)** to model and **justify system design, aligning technical solutions with strategic business goals**.
- Integrated security and privacy principles (**IS5400**) to ensure **ethical handling of user data and maintain system integrity**.
- Executed a full project lifecycle from problem analysis and requirements gathering to the implementation of Python and SQL-based solutions.
- Project details:priya4-ghub/BusinessAnalystJobFinder

Global Grad Project: |

- Created a multi-page Google Site (“Navigating SLU”) that centralizes links and information for **SLU services, including food assistance (Billiken Bounty), academic and career support, global programs, and campus recreation.**
- Structured clear top navigation (Home, Billiken Bounty, Career Services, Center for Global Citizenship, Pius XII Memorial Library, Simon Recreation Center, etc.) so **students can quickly reach official SLU pages and resources.**
- Applied Google Sites best practices for page layout, navigation, and mobile-friendly design to make the resource hub accessible for new and current SLU students.