

# PRIYANKA BANDARU

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## Summary

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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

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**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

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**Masters in Information System**

*Saint Louis University, St. Louis, MO*

**Graduated: 2025**

*CGPA: 3.97 / 4.0*

**Bachelors in Electronics & Communication Engineering**

*Vardhaman College of Engineering, Shamshabad, Hyderabad*

**Graduated: 2021**

*CGPA: 8.24/10*

## Experience

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**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

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### 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](https://github.com/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.