

SAI PRANEETH GOGULA

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EDUCATION:

Master of Science in Information Systems | Stevens Institute of Technology | Hoboken, NJ | May 2024

- **Relevant Coursework:** Project Management, Process Innovation & Management, Systems Analysis & Design, Agile Methodologies, Business Process Modeling, Data Analytics

Bachelor of Technology in Computer Science | GITAM University | Visakhapatnam, India | April 2022

- **Relevant Coursework:** Database Management Systems, Software Engineering, Machine Learning, Cloud Computing

PROFESSIONAL EXPERIENCE:

NYS Dept of Environmental Conservation – Business Analyst / Project Coordinator | Albany, NY | April 2025 – Present

- Accelerated sprint velocity 22% by orchestrating backlog grooming, story pointing, and daily standups for three Scrum squads (Jira, Confluence, Agile)
- Cut requirements rework 30% by leading cross-functional JAD workshops and converting stakeholder needs into user stories with clear acceptance criteria
- Compressed critical-path slippage from seven days to two by optimizing the integrated MS Project schedule and maintaining real-time RAG/RAID dashboards
- Boosted executive decision speed 18% by engineering Power BI dashboards that visualize burn-down, earned-value, CPI, and SPI metrics
- Halved change-request cycle time via rigorous CCB facilitation and scope-control governance on a \$2.4 M modernization program
- Elevated UAT defect captures 35% by deploying a requirements traceability matrix linking BRDs to test cases, ensuring ISO 9001 and SDLC compliance

Pegasystems Inc - Business Analyst / Jr. Project Manager | Jersey City, NJ | June 2023 – March 2025

- Delivered two SaaS releases eight days early and 100% on budget by integrating Agile-Waterfall roadmaps across a \$1.2M project portfolio.
- Prevented 20% post-production incidents by steering UAT with 35+ scripts and resolving 52 critical defects pre-launch (Zephyr, SQL validation)
- Slashed manual reporting 40% by automating PMO scorecards in Power BI and Excel Power Query, surfacing CPI, SPI, and velocity metrics for leadership
- Drove transparent governance by curating RAID and change logs that cut approval lead-time from five to two business days

Hexaware Technologies - Business Analyst | Hyderabad, India | June 2021 - Aug 2022

- Documented end-to-end workflow diagrams and SOPs for a financial data-migration project, cutting new-hire ramp-up time 30% (Visio, BPMN)
- Gathered functional requirements from banking stakeholders and produced data-mapping specs, enabling zero schema mismatches during ETL cut-over (SQL Server, SSIS)
- Compiled weekly status dashboards and milestone trackers, alerting leadership to schedule risks 10 days earlier and preventing downstream bottlenecks

PROJECTS:

Customer Churn Prediction & Retention Strategy | Spring 2023

- Conducted exploratory data analysis (EDA) using Python (Pandas, Scikit-learn) and SQL to identify key churn indicators
- Developed and optimized machine learning models (Logistic Regression, Decision Trees) achieving 85% prediction accuracy
- Built Power BI dashboards visualizing churn trends, enabling targeted retention strategies for marketing teams
- Reduced churn rate by 10% through data-driven insights and actionable customer segmentation recommendations

Technologies Used: Python (Pandas, NumPy, SQL, Power BI, Logistic Regression, Decision Trees, Tableau, Data Cleaning, ETL

Healthcare Data Analytics & Patient Risk Prediction | Fall 2022

- Processed and cleaned 5M+ patient records using Python and SQL to ensure high-quality data for predictive analysis
- Built machine learning models to predict patient readmission risks, achieving an AUC score of 0.88
- Developed Tableau dashboards visualizing patient risk profiles and hospital readmission forecasts
- Automated SQL queries for real-time tracking, reducing manual reporting time by 50%

Technologies Used: SQL, Python (Pandas, NumPy, Scikit-learn), Tableau, Power BI, Random Forest, Gradient Boosting

CERTIFICATIONS:

- Certified Associate in Project Management (CAPM) – In Progress, expected Aug 2025
- Microsoft Certified: Power BI Data Analyst Associate | 2024

TECHNICAL SKILLS:

Project Management: Jira, Confluence, Microsoft Project, Agile, Scrum, Waterfall, SDLC, Trello, Asana

Data & Reporting: Power BI, Tableau, SQL, Python, Excel (Power Query, Pivot Tables)

Database Management Systems (DBMS): MySQL, PostgreSQL, Amazon Redshift, Oracle

Communication & Collaboration: Microsoft Office 365, Google Workspace, Slack, Zoom

Documentation: BRD, RTM, Visio, Microsoft Office, Google Workspace

Cloud Platforms: AWS (EC2, S3, Redshift)