

SAI JAGAN YALAMANCHILI

APPLICATION DEVELOPER

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PROFILE

Application Developer & Data Analyst with hands-on experience building Python/SQL ETL pipelines, automating data synchronization, and delivering inventory and operational insights. Skilled in data validation, process automation (Python/VBA), and analytics across ERP and business systems (Odoo, SAP), with dashboarding experience in Power BI/Tableau. Known for partnering cross-functionally to improve data integrity, streamline workflows, and optimize stock levels and costs.

PROFESSIONAL EXPERIENCE

Application Developer / Inventory Analyst, Reforma Group LLC **Oct 2024 — Mar 2025**

- Built Python-based ETL workflows and SQL procedures to synchronize inventory data across databases and Odoo ERP.
- Developed VBA automation to streamline purchase order creation and optimize reorder points.
- Implemented data validation and reconciliation checks to improve accuracy and reduce downstream operational issues.
- Partnered with operations and purchasing teams to standardize processes and improve inventory visibility and control.

Cybersecurity Project Management Intern, Cloudscale Technologies, USA **Feb 2024 — Jul 2024**

- Coordinated test automation workstreams in Postman, tracking scope, risks, and delivery using Jira.
- Supported security enhancements through encryption-focused initiatives and vulnerability assessment follow-ups.
- Documented findings and worked with stakeholders to prioritize remediation and maintain compliance-aligned controls.

Student Assistant (Admissions), Central Michigan University, USA **Nov 2022 — Feb 2024**

- Supported admissions operations end-to-end (application through enrollment) using SAP, ensuring accurate status updates and timely follow-ups.
- Created targeted email outreach to improve engagement and applicant response rates.
- Collaborated with admissions staff to streamline onboarding communications and resolve applicant issues quickly.

Graduate Assistant (Data Analytics), Central Michigan University, USA **Aug 2023 — Jan 2024**

- Analyzed socioeconomic and climate-justice datasets using Python, R, and Excel to generate research insights for the Business School.
- Built visualizations and maps using Power BI and QGIS to communicate patterns and outcomes.
- Supported faculty with research writing, formatting, and conference-ready deliverables.

Manager of Business Operations, Yalamanchili Fuels, India **Jan 2021 — Jun 2022**

- Managed day-to-day operations, sales tracking, and inventory controls using POS tools and fuel management software.
- Led staff training and customer-service improvements while ensuring compliance with safety and environmental requirements.
- Coordinated with logistics vendors to optimize deliveries and reduce costs.
- Performed financial tracking and KPI reporting using Tally ERP9 to improve profitability and decision-making.

Project Planner and Controller, Pegaso Ingenieria, Italy **Sept 2020 — Dec 2020**

- Drove cross-functional project planning and milestone tracking using Primavera P6.
- Built Power BI/Tableau reporting and used Excel/SQL analysis to identify budget and schedule improvement opportunities.
- Improved project delivery speed by 15%, streamlined data processes by 20%, and reduced costs by 10% through actionable insights.
- Managed stakeholder communications and issue tracking through Jira and project documentation.

- Supported planning and delivery for civil engineering workstreams, focusing on budgeting, procurement, and stakeholder coordination.
- Produced drawings and site documentation using AutoCAD and contributed to reporting and deliverables.
- Applied Excel/Tableau analysis to improve cost forecasting and progress visibility.

EDUCATION

Master of Business Administration in Business Data Analytics

Master of Science in Built Environment

Bachelor of Science in Civil Engineering

Erasmus Student

TECHNICAL SKILLS

Python	SQL	Data Analysis	Process Automation
Data Integrity & Validation	ETL / Data Pipelines	Odoo ERP	VBA (Excel Macros)
Microsoft Excel	Power BI	Tableau	Postman
Jira	R	SAP	QGIS
Stakeholder Communication			