

Jagadeesh Utukuru

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PROFESSIONAL SUMMARY

Data Scientist with 4 years of experience building and deploying ML models, RAG-based AI systems, and LLM applications on real-world data. Proficient in Python (PyTorch, XGBoost, Scikit-learn), SQL, and PySpark, with production experience in feature engineering, stochastic optimization, and model deployment via Docker and GCP. Recently focused on **business analysis** for enterprise platforms, driving discovery, **requirements elicitation workshops**, and **functional requirements documentation** with clear acceptance criteria for cross-functional teams.

EDUCATION

University of Connecticut M.S., <i>Business Analytics & Project Management</i>	Aug 2023 - May 2025 GPA: 3.61/4.0
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology B.Tech., <i>Mechanical Engineering</i>	Jun 2017 - May 2021 GPA: 3.8/4.0

SKILLS

Business Analysis: Business analysis, Requirements Gathering, Requirements Elicitation, Requirements elicitation workshops, Stakeholder interviews, User Stories, Acceptance Criteria, Gap Analysis, Process Mapping, As-Is/To-Be Analysis, Business Process Optimization, Workflow Design, Impact Analysis, UAT, Change Management, Functional Specifications, Functional requirements documentation, Enterprise software implementation

Stakeholder & Project Management: Stakeholder Management, Executive Communication, Cross-functional Collaboration, Agile, Scrum, Sprint Planning, Backlog Grooming, Jira, Confluence, SDLC, Workshop Facilitation, Risk Management, Presentation Skills

BI & Reporting: Power BI (DAX, Power Query), Tableau, Excel (Advanced – Pivot Tables, VLOOKUP, VBA, Macros), KPI Development, Scorecard Design, Dashboard Design, Reporting Automation, Demand Forecasting, MS Office Suite

Data & Technical: SQL (Advanced), Python (Pandas, NumPy), ETL Pipelines, Data Validation, Statistical Analysis, Root Cause Analysis, A/B Testing, Snowflake, AWS, GCP, Git, Digital Asset Management (DAM), CMS, PIM, Content-operations systems, Cloudinary, Adobe AEM Assets, Scene7/Dynamic Media

WORK EXPERIENCE

CD Foundation Business Analyst	Sep 2025 -
- Owned discovery for an AI knowledge-assistant rollout by running requirements elicitation workshops and stakeholder interviews across e-commerce, marketing, and technology partners, translating priorities into user stories, detailed workflows, and acceptance criteria. - Defined content and asset migration scope by auditing legacy repositories (asset counts, sizes, master locations) and turning findings into concrete migration rules aligned to SKU activity, inventory and orders, and brand governance needs. - Built and maintained a traceable requirements backlog in Jira and Confluence, capturing decisions, open questions, and phase gates from discovery through governance and hypercare to keep scope controlled. - Supported UAT and acceptance testing by converting requirements into test scenarios and validating delivered functionality such as taxonomy, permissions, integrations, and derivative rules before cutover. - Enabled leadership decision-making by designing Power BI dashboards and KPI scorecards that tracked AI agent performance, content freshness, and operational SLAs, then presenting trade-offs and roadmaps to non-technical executives.	
PepsiCo Business Analyst (Intern)	Aug 2024 - Jan 2025

- Supported an **enterprise software implementation** in manufacturing by translating stakeholder input into detailed requirements and Python/SQL pipeline specifications, managing delivery through Agile sprints and facilitating UAT with operations teams, improving throughput by 15%.
- Led stakeholder workshops and current-state process mapping to redesign KPI dashboards in Power BI, reducing executive reporting effort by 12+ hours weekly and improving metric governance.
- Created **functional requirements documentation** with testable acceptance criteria and process flows, aligning operations, finance, and IT on phase scope and cutover readiness.
- Performed root cause analysis and delivered data-backed business cases to senior leadership, driving prioritized process improvements across plants and corporate teams.

University of Connecticut | Operations Analyst – Dining Services

Sep 2023 - May 2025

- Coordinated daily operations for 30–45 student workers across 3 shifts, managing scheduling, delegation, training, and onboarding while maintaining 95%+ on-time shift coverage across 500+ operational days.
- Reported operational KPIs weekly to the Executive Director using Power BI dashboards, translating meal demand, labor, and food-waste data into staffing and procurement decisions.
- Documented standard operating procedures and training materials in MS Office, reducing new-hire ramp-up time by ~30%.

Gowthami Greentech Pvt Ltd | Business Analyst

Sep 2022 - Aug 2023

- Recovered 15%+ in revenue by leading discovery and requirements definition for reporting and data workflows, facilitating cross-functional workshops and translating findings into prioritized backlogs and delivery plans.
- Specified integration-style data exchanges between operational systems by documenting data definitions, status transitions, and validation rules in SQL/Python ETL workflows, improving reliability of downstream reporting.
- Cut monthly reporting time by 30% by producing functional specs, workflow diagrams, and handoffs that aligned engineering delivery with business needs and reduced rework.
- Partnered with plant leadership to define KPI taxonomy and role-based access expectations for dashboards, improving adoption through clearer governance and training.

Amazon | Business Analyst

Jun 2021 - Sep 2022

- Improved fraud detection rates by 30% by running requirements workshops with risk, compliance, and operations, documenting as-is/to-be workflows and translating policy needs into implementable acceptance criteria.
- Owned backlog hygiene and requirements traceability for workflow changes, maintaining decision logs and open issues so scope stayed clear through rollout and stabilization.
- Delivered root cause analysis and automated dashboards that provided near real-time visibility into seller performance, enabling faster intervention and measurable risk reduction.
- Partnered with technical teams to clarify integration touchpoints and data contracts between reporting and operational systems, reducing defects discovered during UAT.

PROJECTS

Stock Intrinsic Value Calculator

- Defined product requirements and translated value investing frameworks (Buffett owner earnings, Graham formula) into structured business logic, documenting margin of safety tiers for stakeholder review.
- Validated outputs against professional tools (GuruFocus, Simply Wall St), confirming directional alignment on AAPL, GOOG, JNJ, and MSFT.
- Deployed a lightweight content delivery workflow using FastAPI on Cloud Run with tagged metadata fields and versioned artifacts, reinforcing content-operations patterns for publication and governance.

Operational KPI Dashboard – Ball Corporation

- Gathered requirements through stakeholder interviews and workshops, designed KPI dashboards, and delivered prioritized operational recommendations to improve executive decision-making speed.
- Modeled a digital asset taxonomy for operational reporting artifacts and standard work documentation, improving findability and reuse across teams.

CERTIFICATIONS & ACHIEVEMENTS

- PL-300: Microsoft Power BI Data Analyst Associate - Microsoft
- Google Data Analytics Professional Certificate - Google / Coursera
- AWS Certified Cloud Practitioner - Amazon Web Services