

Khush Domadiya

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Summary

Business Analyst / Project Coordinator (**CAPM®**) and M.S. Business Analytics candidate (May 2026) with experience delivering a member onboarding/wayfinding MVP at the American Chemical Society in a hybrid Scrum environment. Skilled in requirements elicitation, user stories & acceptance criteria, Jira/Confluence backlog management, sprint ceremonies, QA/test case design, and cross-functional stakeholder coordination (design, content, engineering). Analytical toolkit (Python/SQL, dashboards) to support data-driven prioritization and reporting.

Work Experience

Web Development Business Analyst Intern

May 2025 – August 2025

American Chemical Society - Washington D.C. USA

- Drove delivery of the New Member Onboarding / Wayfinding MVP in a hybrid Scrum model by translating stakeholder needs into epics/user stories, acceptance criteria, and prioritized backlog items in Jira/Confluence.
- Facilitated Agile execution: sprint planning, backlog refinement, daily standups, sprint reviews, retrospectives, and stakeholder check-ins; supported story pointing and tracking (burndown/velocity) and shared weekly status updates to keep stakeholders aligned.
- Built a lightweight QA management plan and authored test cases mapped to acceptance criteria and Figma designs; performed functional validation across dev/stage/prod and coordinated defect fixes for release readiness.
- Managed change requests in a hybrid Scrum environment: captured emerging requirements mid-development, updated Jira tickets/test cases, and aligned stakeholders on scope/timeline trade-offs to protect delivery quality.
- Supported Digital Experience strategy via usability audit + competitor benchmarking (~20 event apps) and user interviews; synthesized findings into personas/archetypes, journey maps, and actionable recommendations to prioritize improvements.
- Created reusable documentation (requirements decisions, testing notes, team knowledge) in Confluence to improve handoffs and team clarity.

Python Analyst Intern

January 2024 – May 2024

Axisray - India

- Automated Python workflows that reduced processing time by ~20% and improved a sentiment model's accuracy by ~18%, improving decision turnaround for business teams.
- Delivered stakeholder-friendly KPI reporting (Python visualizations) and communicated insights, assumptions, and tradeoffs to non-technical audiences.
- Produced clear documentation and handoffs to make work reproducible and maintainable.

Data Science and Machine Learning Intern

July 2023 – August 2023

BrainyBeams - India

- Deployed predictive models that improved campaign conversions by ~22% and automated SQL reporting to reduce turnaround time by ~30%.
- Cleaned/prepared datasets to increase model accuracy by ~18% while keeping business goals and constraints in view.
- Partnered with marketing + engineering to prioritize changes based on feasibility, risk, and impact, ensuring smooth delivery.

Projects [[More Projects](#)]

ACS New Member Onboarding and Wayfinding MVP (Project coordination, hybrid Scrum) [[Case study](#)]

- Acted as project manager: ran sprint planning and backlog refinement, wrote Jira stories with acceptance criteria, and kept design, engineering, and content in sync.
- Maintained velocity under tight timelines by coordinating phased developer onboarding, mapping QA test cases to Figma designs, managing change requests, and securing an extension to ship a quality MVP.

Big Data Weather Analysis Pipeline (Hadoop MRJob, Pig, Hive) [[Github](#)]

- Coordinated an end-to-end pipeline across MRJob extraction, Pig aggregation, and Hive warehousing; created step-by-step runbooks, set up HDFS directories, and sequenced jobs so QA and analytics had reliable outputs.

Education

California State University - East Bay, Hayward, CA

August 2024 – May 2026

Master of Science in Business Analytics – GPA:3.7/4

- Relevant Coursework: Machine Learning, Data Analytics, Data Mining, Big Data, Database Management, Cloud Dev

Skills:

Business Analysis / Delivery: Requirements elicitation, user stories, acceptance criteria, backlog refinement, sprint planning, change requests, QA/test cases, stakeholder management, SDLC/Agile

Tools: Jira, Confluence, Figma, Excel (PivotTables, VLOOKUP), Smart-sheet, ServiceNow

Analytics: SQL, Python, Tableau, Power BI

Certification: Certified Associate in Project Management ([CAPM®](#))