

Khush Domadiya

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Summary

Certified Associate in Project Management (CAPM) with an M.S. in Business Analytics. Experienced in leading cross-functional teams, project delivery, stakeholder engagement, and strategic planning. Proven ability to drive projects from conception to completion using data analytics and agile methods. Strong communicator skilled at aligning business goals with technical solutions.

Work Experience

Web Development Business Analyst Intern

May 2025 – August 2025

American Chemical Society – Washinton D.C. USA

- Led end-to-end delivery of the Wayfinding Project MVP, managing cross-functional development requirements, utilizing JIRA and Confluence, defining acceptance criteria, and coordinating stakeholder engagement.
- Collaborated on the Digital Experience project by conducting usability audits, performing competitor analysis, and facilitating user interviews to create personas, archetypes, and journey maps, driving user experience and strategic improvements.
- Developed and implemented comprehensive QA testing protocols across two major projects, achieving 90% bug coverage and ensuring high-quality deliverables.

Python Analyst Intern

January 2024 – May 2024

Axisray - India

- Built automated Python pipelines which reduced data processing time by 20%, and improved sentiment analysis models with an 18% accuracy boost.
- Developed dashboards using Matplotlib and Seaborn, enabling stakeholders to monitor KPIs effectively.
- Demonstrated technical writing skills by documenting workflows and presenting findings to non-technical stakeholders, ensuring clarity and alignment.

Data Science and Machine Learning Intern

July 2023 – August 2023

BrainyBeams - India

- Deployed predictive models using Python libraries, boosting marketing campaign conversion rates by 22%, and automated SQL reporting tools to reduce turnaround by 30%.
- Conducted data preprocessing, increasing model accuracy by 18%, while aligning solutions with business objectives.
- Collaborated with cross-functional teams to align machine learning solutions with business objectives, showcasing adaptability and teamwork in a dynamic environment.

Web Development Intern

May 2023 – June 2023

Way-to-Web Technologies – India

- Partnered with UI/UX designers to enhance user interfaces, boosting user engagement metrics by 15%, while applying critical thinking to optimize layouts.
- Conducted thorough QA testing using automated tools, achieving a deployment accuracy rate of 98%, ensuring seamless user experiences in client-facing projects.

Projects [\[More Projects\]](#)

Taiwan Credi Card Crisis Analysis (Python, Pandas, Scit-learn)[\[Github\]](#)

- Built predictive models using logistic regression, achieving 82% accuracy in forecasting credit card defaults.
- Collaborated with stakeholders to analyze financial risk patterns, showcasing data storytelling and strategic planning skills.

Statistical Modeling and Prediction (Tableau, Python, Seaborn) [\[Github\]](#)

- Developed regression models to predict trends with high accuracy, integrating data visualization tools for actionable insights.
- Partnered with cross-functional teams to deliver reports, demonstrating adaptability and business analysis proficiency.

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:

Languages & Tools: Python, SQL, R, VBA, Power BI, Tableau, Qlik, Excel, Snowflake, Salesforce, SAP, Hadoop, Spark, AWS, Azure, Google Cloud, Talend, Gurobi, Big Query, Adobe Analytics, Adobe AEM

Machine Learning & AI: TensorFlow, PyTorch, Deep Learning, Machine Learning Models, Time Series Forecasting

Data & Analytics: Data Warehouse, ETL, Data Lake, Data Pipelines, Metadata, SaaS

Databases: MySQL, NoSQL, Oracle, Microsoft Dynamics, GraphQL

Business & Project Management: JIRA, Trello, Confluence, Asana, Slack, Microsoft 365, KPI Tracking, Product Roadmaps, Strategic Planning, Agile & Waterfall, Scrum, Kanban, SDLC

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