

Mustafa Ali Mirza

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EDUCATION

University of Michigan, Ann Arbor - *Master of Science in Information* May 2027 (Expected)
Pathway: **User-Centered Agile Development**
Lahore University of Management Sciences - *BSc (Hons) Computer Science* Aug 2020 - May 2024
Relevant Courses: Topics in Product Management; Interaction Design, Human Behavior, Agile Methodologies

PROFESSIONAL EXPERIENCE

Dubizzle Group - *Associate Product Manager, Dubai, UAE* Jun 2024 - Jun 2025

- Prioritized and shipped **700+** UX and process improvements on **Carforce**, a CRM supporting **\$1.5M+** in monthly vehicle sales, partnering with Design and Engineering to drive delivery.
- Built **Carforce V2.0**, replacing fragmented inventory flows with guided journeys, inline validation, and contextual help, resulting in a **32%** increase in lead conversion.
- Introduced an **AI-powered** plain-language **metrics layer** and real-time **KPI dashboards** to enable partner self-serve, reducing ad hoc data requests by **82%** and shortening decision cycles by **27%**.
- Launched **inspector geographical zone allocation** to match supply with availability and location, cutting median scheduling SLA by **54%** and reducing assignment mismatches by **33%**.
- Scoped and released **Auction One-Click Buy** (PRDs, intent states, guardrails, recovery paths), reducing time-to-purchase by **41%** with a fail/rollback rate of **0.5%**.

Alt Ventures - *AI Product Intern, Lahore, Pakistan* May 2023 - Sep 2023

- Reduced QA review time **97%** across **1,100** calls/month by shipping a **Whisper**-based sentiment pipeline with **Python/Pandas** and weekly dashboards.
- Cut weekly reporting **6-8 hours** and defects **28%** by automating transcription, tagging, and reporting (**LangChain, OpenAI**) and delivering **CSV/HTML/PDF** outputs with simple runbooks.
- Evaluated **6+** Python clothing try-on models and compared outputs on diverse test samples, then recommended the best approach with clear success criteria and implementation steps.

TEACHING & LEADERSHIP EXPERIENCE

- **Michigan Graduate Consulting Club (MGCC)** - *Vice President* July 2025 - Present
Set club vision and annual programming with the executive board; led **case interview prep** and coaching.
- **PHIL 204 Contemporary Moral Problems** - *Teaching Assistant* Aug 2023 - Dec 2023
Facilitated **24+** discussions and graded essays with audience-aware feedback focused on clarity and structure.
- **CS 100 Introduction to Programming** - *Teaching Assistant* Aug 2022 - Dec 2022
Led weekly labs for **70** students, authored beginner-friendly **C++** exercises, and provided debugging support with clear, rubric-based feedback.

PROJECTS

- **Blueprint - AI Platform for Management Consultants** - Designed and developed an end-to-end **Dockerized FastAPI + TypeScript** platform with **LLM** integrations that turns slide decks into **critiques**, **exec summaries**, **SWOTs**, and **action plans**.
- **KeyFrames AI Video Summarization** - Used **color-histogram-based information gain** to detect scene changes and select key video frames, **FastAPI backend + React frontend** with **LLM summaries** and **chat** functionality.
- **CampusConnect** - Deployed a **Node.js, MySQL, React Native** app adopted by **300+** students for messaging, events, and scheduling, adding **authentication**, **push notifications**, and clear navigation.
- **KFC Sales Data Analysis** - Implemented **Pandas** workflows for market-basket analysis and clustering on **25,000+** deliveries, dashboards that surfaced **cross-sell pairs** and customer demand patterns.
- **Accessible Menu Reader** - Created a **text-to-speech** system that scraped the daily cafeteria menu and emailed a screen-reader-friendly version for **15** visually impaired students, ran as a daily job.
- **CDC Opioid Overdose Data Analysis** - Cleaned and analyzed over **10 years** of CDC opioid mortality data using **Python** libraries **geopy** and **NumPy**, generated **state-level** geotagging and **year-over-year** visualizations.

SKILLS

Core Competencies: Jira, Asana, Figma, Sprint Planning, Backlog Refinement, Feature Prioritization, Wireframing, Stakeholder Engagement, Mandrill, MoEngage, Google Analytics, Firebase Analytics, Confluence
Technical: Python, SQL, Postman, C++, FastAPI, React, Pandas, NumPy, Tableau, Jupyter, Git, Docker