Jil Makwana

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SUMMARY

Entry-level data professional with experience as a Research Assistant, Teaching Assistant, and Data Systems Developer, working across data analysis, database development, and applied research. Skilled in transforming complex datasets into meaningful insights and supporting data-driven decision-making. Known for a strong sense of responsibility, problem-solving mindset, and clear communication of technical concepts. Seeking an opportunity to contribute analytical thinking, technical skills, and collaborative energy to impactful, forward-thinking projects.

EXPERIENCE

ZenZiee Corp.   **USA**
IOS Developer (Intern)   December 2025 - Present
- Developed and enhanced iOS features using Swift and SwiftUI, writing clean, maintainable code and building intuitive UI components aligned with Apple's Human Interface Guidelines.
- Integrated RESTful APIs, managed data flow and application state, and assisted with testing and debugging to improve app performance and stability.
- Collaborated with cross-functional teams in agile workflows and **contributed to the ideation and early development of an AI-powered social application**, supporting feature design and intelligent user experience concepts.

Loyola Marymount University   **USA**
Graduate Student Assistant – Office of Administration and Operations   September 2025 - Present
- Support the Dean's Office with day-to-day administrative and operational activities, ensuring smooth coordination across departments.
- Assist in planning and executing film-related events with industry professionals, including actors, directors, and producers.
- Collaborate with faculty, staff, and external partners to streamline workflows and improve event operations while gaining hands-on experience in management and leadership within higher education.

Loyola Marymount University   **USA**
Data Systems Engineer   December 2024 - June 2025
- Designed and maintained a secure, scalable database system to manage alumni profiles, supporting engagement tracking, event management, and fundraising reporting.
- Enabled data-driven insights through improved data accessibility and reporting for multiple stakeholders.
- Implemented data security and access controls to protect sensitive information and ensure data integrity.

Loyola Marymount University   **USA**
Graduate V/R Research Lab Assistant   November 2024 - June 2025
- Designed and optimized an interactive VR chemistry lab application in collaboration with faculty across multiple universities.
- Conducted user research and qualitative data analysis to identify usability patterns and areas for improvement.
- Applied research findings to refine UX design, improving accessibility, engagement, and scalability for future expansion.

Loyola Marymount University   **USA**
Graduate Teaching Assistant   August 2024 - Present
- Supported professors with exam administration, grading, and course logistics while ensuring accuracy and adherence to academic policies.
- Facilitated classroom activities and provided one-on-one academic support to help students strengthen understanding and performance.
- Organized course materials and applied effective teaching strategies to improve student engagement and learning outcomes.

Darshan University **India**
Teaching Assistant June 2023 - September 2023
- Instructed and supported students in UI/UX design principles and industry tools including Figma, Photoshop, Adobe XD, and Illustrator.
- Led lab sessions and evaluated UX research components, providing feedback on usability, accessibility, and user-centered design.
- Contributed to a faculty-led research project on user analysis, helping identify design improvements to enhance overall user experience.

Academor **India**
Web Developer June 2022 - August 2022
- Enhanced UI/UX design across ongoing projects to improve accessibility, usability, and seamless user interactions.
- Developed and optimized web applications using HTML, CSS, Bootstrap, JavaScript, Python, Django, and .NET 7, improving performance and scalability.
- Refined front-end and back-end components through user testing and client feedback, reducing load times and strengthening cross-platform compatibility.

TECHNICAL SKILLS
- **Programming & Frameworks:** Python, SQL, C#, JavaScript, Swift (SwiftUI), Node.js
- **Database Design & Management:** SQL, MySQL, MongoDB, Firebase, Data Modeling, Database Design, Query Optimization, Data Architecture
- **Data Analysis & Research:** Exploratory Data Analysis (EDA), Qualitative & Quantitative Analysis, Data Visualization, Research Design, User Interviews, Thematic Analysis, Tools: Atlas.ti, NVivo
- **Cloud, DevOps & Tools:** AWS, Azure, Git, GitHub, Version Control
- **Project Management:** Agile & Scrum Methodologies, Jira, Trello, Asana
- **UI/UX Research & Design:** UX/UI Design, Wireframing, Prototyping, Usability Testing, Inclusive Design, Interaction Design, Figma, Adobe XD, Photoshop, Illustrator, Canva.

SOFT SKILLS
- Clear & Professional Communication (Technical & Non-Technical Audiences)
- Analytical & Structured Problem-Solving
- Cross-Functional Collaboration & Stakeholder Management
- Adaptability & Quick Decision-Making in Fast-Paced Environments
- Research, Planning & Execution
- Time Management, Prioritization & Attention to Detail
- User-Centered & Impact-Driven Thinking

EDUCATION
Loyola Marymount University **Los Angeles, CA(USA)**
Masters of Science in Computer Science December 2026
GPA - 3.77

Gujarat Technological University **Rajkot, Gj(India)**
Bachelors of Engineering in Computer Engineering December 2024
GPA - 3.2