

ANIKET DESHPANDE

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PROFESSIONAL SUMMARY

Data Scientist with 2+ years of experience in predictive analytics, scalable research systems, and AI-enabled workflows. Skilled in machine learning, data pipelines, QA processes, and knowledge systems, driving data-informed decisions through analytical rigor and human-centered design.

SKILLS

Research Systems & Ops: Intake Design, Tagging Taxonomies, Knowledge Repositories, Insight Frameworks, SOPs, QA Scaffolds

UX Research Methods: Qualitative Interviews, Usability Testing, Survey Design, Synthesis & Reporting

AI & Automation: RAG Pipelines, LangChain, LangGraph, Prompt Engineering, LLMs, AI Workflow Design, Governance

Data Science Core: Machine Learning, NLP, Predictive Analytics, ETL Pipelines, Data Modeling, Statistical Analysis

Tools & Platforms: Python, SQL, Salesforce, Tableau, Power BI, Google Analytics, Qualtrics

Collaboration: Cross-functional Leadership, Agile Teams, Stakeholder Communication, Documentation

EDUCATION

Arizona State University

Aug 2024 - May 2026

M.S., Data Science, Analytics & Engineering | GPA: 3.8/4.0

Tempe, AZ

Coursework: Machine Learning, Statistical Modeling, Big Data Analytics, Probability, Cloud Computing

MIT World Peace University

PG Diploma, AI & Machine Learning (GPA: 3.7/4.0) | Bachelor of Computer Application (GPA: 3.8/4.0)

Pune, India

PROFESSIONAL EXPERIENCE

EdPlus at Arizona State University

Sep 2024 – Present

Instructional Design Assistant

Scottsdale, AZ

- Designed and maintained standardized research operations including QA intake forms, study templates, accessibility tagging (Ally), and course improvement frameworks; tracked KPI metrics (engagement, completion, accessibility, performance) to inform data-driven course redesign decisions across 50+ standards
- Managed end-to-end Salesforce ticket workflows; identified friction in triage and routing processes, researched & documented AI automation opportunities to streamline intake and reduce manual ticket handling
- Collaborated with cross-functional teams at project kickoff to scope requirements and success criteria; partnered with engineers to optimize data pipelines and audit processes for efficiency
- Received 4 Sun Devil Excellence (SUN) Awards from EdPlus supervisors for: [\(Jan 14, 2025\)](#) Writers' Studio & program data review; [\(Jan 17, 2025\)](#) ENG 101/102 course readiness checks; and Exemplary service & leadership in QA and instructional design impact [\(May 4, 2026\)](#)

Suzlon Energy Pvt. Ltd.

May 2021 – Aug 2021

Data Analyst — Predictive Analytics

Pune, India

- Built dashboards tracking KPIs across 200+ wind turbines and developed AI-enabled monitoring workflows, including a chatbot, reducing manual diagnostics by 25% and improving decision-making efficiency.
- Collaborated with engineering teams to surface insights from 500GB+ SCADA data, translating findings into actionable maintenance scheduling improvements and communicating outcomes to cross-functional stakeholders

PROJECTS

Hybrid RAG Ticket Resolution System — Enterprise AI Research Capstone

2026

- Identified systemic friction in EdPlus ticket workflows (mis-routing, manual diagnosis, undiscovered resolutions); built an end-to-end AI system using LangChain, LangGraph, ChromaDB, Pinecone, BM25, and cross-encoder reranking to automate first-contact resolution and auto-triage.
- Evaluated the system's usability and adoption through structured user research sessions and stakeholder feedback loops translating findings into iterative system improvements and governance documentation

At-Risk Student Early Detection System — Data Mining ML Project

2025

- Built and deployed ML models (Python, Scikit-learn) on learner behavioral data to identify at-risk students; improved early-risk detection accuracy by 30% and conducted EDA on large-scale datasets, synthesizing findings into actionable insight reports.
- Engineered an NLP pipeline to auto-classify learner feedback and flag accessibility gaps across 10+ courses, integrating outputs directly into Tableau dashboards helping in turning weeks of manual QA tagging into a real-time insight layer

CERTIFICATIONS & ACHIEVEMENTS

- AWS Certified Machine Learning – Specialty | Google Data Analytics | IBM Data Science | Applied NLP (Infosys)
- 4x SUN Award (EdPlus, ASU) | Claude Hackathon @ ASU (2026) | Dean's List | Top 3% Academic Rank