

SUMMARY

Project Manager with experience in analyzing customer and market signals, collaborating with engineering teams, and managing projects to develop release features. As a Program Manager, I have additional experience in project life-cycle and decision-making.

EDUCATION

Master of Science, Management of Technology (MS Tech), Arizona State University, GPA: 3.88/4.00 **Jan 2021 — Dec 2022**
Courses: Advance Project Management, Design of Engineering Experiments, Ethical Issues of Technology, Data-Driven Decision Making
Served as President at IFMA at ASU chapter and Program Coordinator at ISSC-ASU also received Global Inspiring citizen award

Bachelor of Engineering, Instrumentation Engineering, University of Mumbai **Aug 2015 — May 2019**
Courses: Microcontrollers, SCADA, PLC, Feedback Control System, Control System Design, Advanced/ Digital Control System, Applied Physics, Microcontrollers, Signal Conditioning and Circuit Design, Electrical Network Analysis, Semiconductor Physics
Presented a paper titled "Detection of Diabetic Retinopathy using Deep Convolutional Neural Networks" at Amity University, India, 2019

EXPERIENCE

Project Manager, IT, Arizona State University, Tempe, Arizona **Mar 2023 — Present**

- Maintained regular status meetings and executive briefings to ensure stakeholders were informed of progress, risks, & issues, resulting in increased transparency within the project lifecycle.
- Utilized technical knowledge to effectively communicate with engineers and risk managers, resulting in a 20% increase in project efficiency and a 15% decrease in technical errors.
- Analyzed data from various sources to identify customer pain points and generate hypotheses, leading to the successful implementation of new software features that improved overall customer satisfaction by 25%.

Project Manager (Intern), Ourdate, San Francisco **Aug 2022 — Dec 2022**

- Collaborated across 7 teams to smoothly integrate Figma-based product into public launch & improved customer satisfaction for 18 features, increasing revenue by 25%.
- Gained executive buy-in to present detailed overviews and implement resource allocation strategies, by saving 50% on project costs.
- **Received appreciation from the CEO** of the company for completing the project within the designated timeline and preparing documentation for change management by Establishing product vision to drive execution of creative features

Program Assistant, Arizona State University, Tempe, Arizona **Apr 2021 — Aug 2021**

- Conducted data analysis to identify areas for process improvement & reduce program variability using statistical process control
- Influenced 10 project teams on the application of Six Sigma and SPC techniques to improve process efficiency and quality

TECHNICAL SKILLS

Programming Languages	Python(NumPy, Pandas, Scikit-Learn, TensorFlow, Seaborn, Matplotlib, Plotly) R, SQL, C, C++, MySQL
Machine Learning	Regression, Ensembles (Decision Trees, Random Forest) Time Series, Clustering, Neural Networks (CNN)
Analytical and Simulation	MS Power BI, Tableau, Minitab, JMP Pro, Power Automate, MS Excel (including VBA, Pivot Tables, array functions, Power Pivots, etc.), MATLAB, LabVIEW
Tools	MS Project, MS Sharepoint, MS Office, Confluence, Jira, LabVIEW, Google Workspace, Figma, Smartsheet
Core Competency	Strategic & decision-making, Analytical & problem-solving skills, Risk Management, Customer Focus
LinkedIn Certifications	Program Management, Project Management-Technical, Six Sigma, Data Ethics: Data-Driven Decisions, FPGA Development, Six Sigma, Data Ethics: Data-Driven Decisions, Statistics Foundations, IOT Foundations: Low-Power Wireless Networking

PROJECTS

Factors affecting aerodynamics of airplanes, Developer, Industrial engineering coursework **Jan 2022 — May 2022**

- Performed data cleaning using pivot tables, to shortlist and select the factors potentially affecting the design of planes and analyzed the impact of each factor by discovering their significance
- Employed statistical techniques involving ANOVA (Analysis of Variance), parameter estimates, and residual plotting to determine the level of each factor with regard to their performance in high and low tension by using the JMP pro tool

Transforming Meeting to Information, Electrical Engineer, Applied Project **Jan 2022 — May 2022**

- Aided Professor to execute language-independent data acquisition projects by curating course using LabVIEW that helps students
- Simulated numerous statistical analyses to forecast amplitude ranging (-0.04 to 0.05) by using Oscilloscopes and NI-DAQmx

Designing a program 'Solar Go-karts', Product Consultant, AZ STEM **Aug 2021 — Dec 2021**

- Customized a product roadmap and value proposition model in 120 days by collaborating with Professionals from Intel and NXP
- Executed market research to customize their "Mentorship Program" by using stakeholder management and consulting AZ STEM
- Conducted an in-depth analysis of competitors with industry leaders, which enabled precise market placement resulting in an 80% growth rate.
- Engaged with 14 stakeholders through organized meetings and survey results, to build out a cutting-edge 'Mentorship Program' by increasing 57% of user satisfaction

Biomedical Image Processing, Project Leader & Research Analyst, ASU **Jun 2021 — Nov 2021**

- Conducted market research on various medical companies such as IBM, GE Healthcare, and Google health to investigate the medical industry's competitive stage and upcoming innovative products by using Porter's five forces, Innovation, and Dynamic Capabilities
- Analysed firms operated in the volatile, complex, and ambiguous environment to review disruptive emergent technologies like Artificial Intelligence and Convolutional Neural Networks in the existing market by developing SPACE and SWOT Matrix

Detection of Diabetic Retinopathy, Developer, NSCFET **Aug 2018 — Apr 2019**

- Designed algorithm to hypothesize and experiment with the diabetic datasets by using CNN (Convolutional Neural Networks) and AI(Artificial Intelligence) libraries like OpenCV, TensorFlow, Keras, Theano, and SciKit
- Constructed trainable data to result in the improvement of 35% in accuracy by cleaning and validating retinal image datasets

LEADERSHIP AND AWARDS

Assembly Member, Graduate Professional and Student Association (GPSA) -ASU, **May 2022 — Dec 2022**

- Represented 4000 Engineering students from Fulton Schools of Engineering as an Assembly member at GPSA to guide students, plan and organize events by overseeing GPSA laws, and providing support to Graduate students across ASU campuses.

Program Coordinator, International Student and Scholars Center-ASU, **May 2022 — Dec 2022**

- Organized events with more than 70 participants to improve student engagement by collaborating with Program Manager
- Received an 'Inspiring Global Citizen Award' for the year 2022 based on leadership, ambassadorship, and academic success

Student Ambassador, Indian Student Association-ASU, **Feb 2022 — Dec 2022**

- Guided 25 International Indian Students enrolled at ASU to help them build networks and successful careers by meeting monthly and elaborating on academic and networking opportunities

President, International Facility Management Association-ASU, **Nov 2021 -- Aug 2022**

- Scheduled professional development activities to create & networking opportunities with vendors and realtors in construction and facility industry for more than 250 members at ASU by using organizational leadership
- Received a "Student President-IFMA ASU Chapter" scholarship for 2022 based on collaboration and management skills.