

EDUCATION			
Tech Leaders Fellowship	Plaksha University, Mohali	9.1/10.0	2024
CFA Level 1	CFA Institute, US		2018
B.Sc(H) Statistics	Sri Venkateswara College, New Delhi	6.5/10.0	2018
12th - CBSE	General Raj's School, New Delhi	95.25%	2015

EXPERIENCE

- Founder's Office | Wizikey

May 2021 – Jul 2023

 - Successfully **led and executed 7 high-impact projects** with the founders:
 - Spearheaded the **creation and management** of the **MIS dashboard**
 - Developed** an **email marketing engine** to **address lead gen** challenges, resulting in generation of over **60 B2B leads/quarter**
 - Led the **development of product features** such as **News Classification** to improve the value proposition of the platform.
 - Diagnosing and resolving a critical bug related to missing links, improving platform reliability
 - Part of the team that created the **podcast series** titled [Data Champions in Communication](#)
 - Created** a **data-driven culture** by implementing a **KPI system** for departments & employees and **dashboards** for tracking progress.
 - Contributed** to [Wizikey News Score](#), creating a single source of truth for PR professionals, **driving demand** and industry recognition.
 - Facilitated fundraising efforts** - creating a pitch deck, financial projections, investor collaterals & doing investor analysis.
 - Joined during COVID & assisted** the company in navigating challenges **to achieve profitability** during the most difficult times.
- Research Analyst | World V Fund

Mar 2020 - Mar 2021

 - ₹100 Cr. sector agnostic deep-tech venture capital fund investing in start-ups for pre-series/Series A Investment
 - Conducted **100+ interviews with founders**, gaining insights into their vision, market approach, and execution strategies.
 - Conducted **financial analysis**(projections, valuation, investment memos) to evaluate investment potential & support decision-making
 - Analyzed industries (Llike **SaaS, Ed-Tech, Personal Wealth**) for trends, competitive landscapes, and growth.
- Sole Proprietor| Lustren

Dec 2017 - Dec 2019

 - Successfully **managed 10,000+ Amazon orders**, averaging **INR 10 Lakh monthly revenue** post-college graduation

PROJECTS

- Data Science Consultant | Palo Alto Strategy Group, California (Remote)

April 2023 - May 2023

 - Engineered an **interactive software tool** employing LLMs to **auto-generate Executive Summary section** from interview transcripts and Tech Due Diligence reports, **hosted on AWS**.
 - Creating an **interactive web app** with an **Advanced RAG-based chatbot** for engagement with due diligence reports for clients,.
- Patient-Doctor Conversation to Reports
 - This solution **streamlines hospital operations** with audio-based admission notes, tackling communication gaps, administrative burdens, and data disorganization for enhanced patient care.
 - Utilizing **OpenAI's Whisper** and **Llama 2 7B** model to convert **unstructured data** like patient-doctor conversations **into structured reports** like Initial Assessment Report & Plan of Care
- ECG Wave Detection & Anomaly Detection
 - Addressing **ECG machine warranty risks with IoT interfaces**, our project instead leverages computer vision to **extract vital signs data** and **detect abnormalities** in the heart rhythm, enhancing healthcare efficiency.
 - Developed a robust pipeline integrating **YOLO object detection, traditional Computer Vision, and CNN classification** to extract vital signs and detect anomalies in ECG monitor images, achieving **over 80% accuracy in anomaly detection**.
- Cyber Security Malware Detection for PDFs
 - Developing a machine learning **model to classify files as benign or malicious**, leveraging metadata, static properties, signatures, and more for enhanced cybersecurity.
 - Developed a robust **Random Forest-based ML model** for PDF malware detection, **achieving 99.7% accuracy** and **0% false positive rate** using Lasso Regularization and **correlation thresholding**.

SKILLS

- Core Strengths:** Adaptability & Resilience, Strategic Planning & Execution, Cross-functional Collaboration, Team Management
- Programming Languages & Tools:** Python, Excel, SQL
- Data Science & Machine Learning:** Data Visualization, Data Cleaning, EDA, Feature Engineering, Dimensionality Reduction, Supervised & Unsupervised Learning Algos, Ensemble Learning, Model Evaluation, Large Language Models, Vector Database
- Financial Analysis:** Financial Statements, Financial Projections, Valuations, Equity Analysis, Financial Planning
- Certifications:**
 - AWS Amazon Bedrock & Generative AI** | Udemy (Online) - Build Chatbot, Image Generation, RAG, Text Summarize Apps using AWS Bedrock and Langchain
 - SQL Fundamentals**| DataCamp (Online) - Introduction to SQL, Intermediate SQL, Joining Data in SQL, Data Manipulation in SQL, Functions for Manipulating Data in PostgreSQL, Database Design & Case Studies
 - Financial Modeling**| The Wall Street School, India (Offline)- Built fully integrated financial projection models including ability to run sensitivities within models using Excel & built pitch decks.