

# Sourjeet Gupta

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Lead Data Scientist leading the AI/ML practice at a Born-In-The-Cloud technology company. I have had the opportunity to be in a role where my involvement has been across the board and every aspect of AI/ML services. I am looking for an opportunity to work with visionary leaders in an AI focussed organization and take my skills and career to the next level.

## Technical Skills

- ❖ Programming Languages: **Python, PySpark, SQL, R**
- ❖ AI-ML Frameworks : **Scikit Learn, SciPy, Keras, Tensorflow, OpenCV, HuggingFace, Langchain**
- ❖ Visualization: **Matplotlib, Seaborn, Tableau**
- ❖ GenAI : **Azure OpenAI, AWS Bedrock Suite of LLMs, Open Source LLMs**
- ❖ ML Platforms : **Dataiku, Rapidminer, AWS Sagemaker, Azure ML Studio, DataRobot**

## Experience

### LEAD DATA SCIENTIST | Blazeclan Technologies | JUL-2021 - CURRENT

#### AI-ML Community

- ❖ **Mentor** existing AI/ML resources (ML Engineers & Data Scientists) with growth path
- ❖ **Build new AI/ML skill sets** from the resource pool to aid to foreseen skill requirements
- ❖ Identify key gaps in skills and **develop plan to acquire skills** from outside the organization
- ❖ Identify and create **new leaders** in the community
- ❖ Utilize the exposure to Sales / Pre-Sales processes to effectively develop the AI-ML team
- ❖ **Design PoCs**
- ❖ Conduct Hackathons with Open Ideation - **Discover Talent & Ideas**

#### Sales

- ❖ Accompany the Sales team in all AI-ML leads from customers across the globe. Primarily from **ASEAN and India**
- ❖ Understand Customer's **AI-ML maturity**
- ❖ **Identify opportunities** of AI-ML led solution from within the Customer's Business Process
- ❖ **Help Customer** visualize advantages of AI-ML in their processes
- ❖ Understand with the Sales Team current and **upcoming trends in Customer Demands**
- ❖ **Collaborate with CSP Partners** to best serve customers

#### Pre-Sales

- ❖ Build **Case Studies** for Reference
- ❖ Work with the PreSales team to **develop proposals** on AI-ML aspects of RFPs
- ❖ Understand Customer **Pain Points** & End Goals
- ❖ **Construct SOWs, Design Solutions & Define Success Criteria**
- ❖ **Collaborate with Solution Architects** from CSP partners to design best Technical Solution for the Customer
- ❖ Estimate **Effort and Cost** of Projects

#### Delivery

- ❖ **Build the team** for the Projects
- ❖ Implement **Best Practices** for a seamless and efficient Project Implementation
- ❖ Build **Design Documents** and **Plan delivery Timelines** along with Project Manager
- ❖ **Help the team** navigate through challenges of developing an AI-ML project
- ❖ Frequently **engage with Customer** for Clarifications/Updates/Improvement/Risks
- ❖ **Pre-empt Project Risks** and develop mitigation plans along with Project Managers

## Projects

- ⇒ Clinical Transcription using Azure OpenAI Whisper & GPT3.5 Turbo models (India - **Healthcare Industry**)
- ⇒ MT700 LC Issuance Terms & Conditions Message Auto-Processing Using Claude v2 (AWS Bedrock) - (Singapore - **Commodity Trading Company**)
- ⇒ Develop an AI Driven Customer Scoring System (Malaysia - **Telecom Industry**)
- ⇒ PoC - Online Kiosk for Organization Policies using Azure OpenAI GPT3.5 Turbo (**In - House**)
- ⇒ PoC - Task Allocation Optimization for Site Technicians (**Malaysia - Real Estate Industry**)
- ⇒ PoC - Claim Prioritization and Fraud Detection (**India - Health Insurance Company**)

### SENIOR DATA SCIENTIST | INSOFE | AUG-2019 - JUL-2021

## Projects

- ⇒ Supply Chain Management - Automated Vendor Price Offer Ranking and Order Optimization (Saudi Arabia - **Petrochemical Industry**)
- ⇒ Predictive Maintenance and Anomaly Detection using Traditional Machine Learning Models in Dataiku (Saudi Arabia - **Petrochemical Industry**)
- ⇒ Conversation Assistant (Inquiry Kiosks) using NLP techniques (India - **Educational Institute**)
- ⇒ Defect Recognition in Semiconductor Wafers using OpenCV and Autoencoder Networks (India - **Semiconductor Testing**)
- ⇒ Sales Analysis and Shelf Optimization using Statistical Algorithms (India - **Retail Chain for Shoes**)
- ⇒ POC - Record attendance in classrooms using facial recognition systems using Raspberry Pi 4 and successfully implemented the same in large conference rooms.

## Previous Experience

### TECHNOLOGY ANALYST | EDGEVERVE SYSTEMS | AUG-2015 - OCT-2016

- Led development team in a critical project involving merger and system upgradation of 2nd and 3rd biggest banks in Mauritius.
- Designed solutions as per the Clients' and their end user needs
- Designed the migration plan for the top two banks in **Mauritius** and led the team to execution
- Worked face to face with clients in **Mauritius**

### TECHNOLOGY ANALYST | INFOSYS LTD. | JUL-2008 - JUL-2015

- Team lead onsite & offshore for development and been part of **Data Migration** teams, handling **ETL** activities for 3 projects, over 3 years. Used **SQL** and **shell scripting** extensively to handle the huge amount of structured data that we had to work on.
- Worked face to face with clients in **Saudi Arabia, Namibia, Kuwait** and **Jordan**

## Education

Bachelor of Engineering | Computer Science | Shivaji University.

## Certification

- PGP in **Big Data Analytics & Optimization** at INSOFE
- Machine Learning by Stanford University on Coursera