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# Education

* **M.Sc. (Mathematics)** - (2017-2019)– S. P. College,

Pune, Maharashtra

* **B.Sc. (Mathematics)** - (2014 – 2017) – R.K.M.M.

Ahmednagar, Maharashtra

# Area of Expertise/Certifications

* Stanford – Machine Learning by Andrew Ng
* Microsoft DP-100 – Designing and Implementing a Data Science solution on

POOJA DATTATRAYA POKALE

# Experience

**May 2023–Present**

Associate Business Analyst/ Datta Scientist **•** Infosys BPM, Pune

**Aug 2021–April 2023**

Sr. Technical Operations Executive**•** Infosys BPM, Pune

**Mar 2021–Jul 2021**

ML Intern**•** Trustxis.pvt.ltd (Remote)

# Summary

Machine Learning Developer with 3+ years of experience in **Machine Learning, Generative AI, Azure Services, and Python**. Skilled in **OpenAI LLMs, LangChain, Llama Index, Hugging Face, and Data Analysis**. Proficient with frameworks like **Flask, FastAPI, AWS, Docker and tools like Jupyter Notebooks, VS Code.**

Certified in multiple domains, including Microsoft Certified Azure Data Scientist Associate, Azure AI Engineer Associate, and Infosys Certified Data Scientist using Python Professional, with additional credentials in LivePerson Chatbot Development..

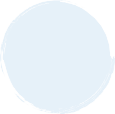
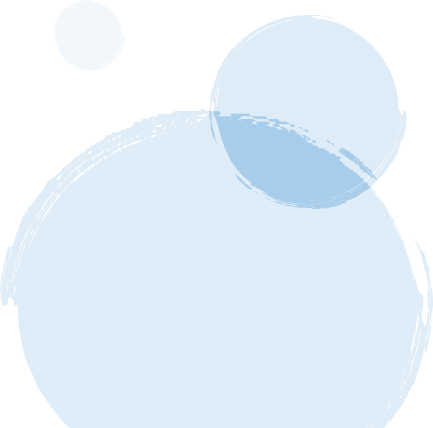
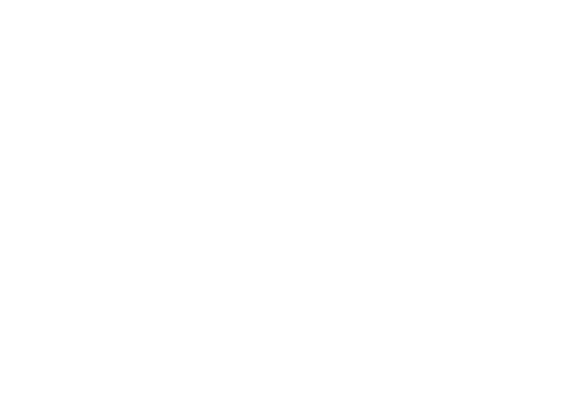
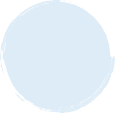
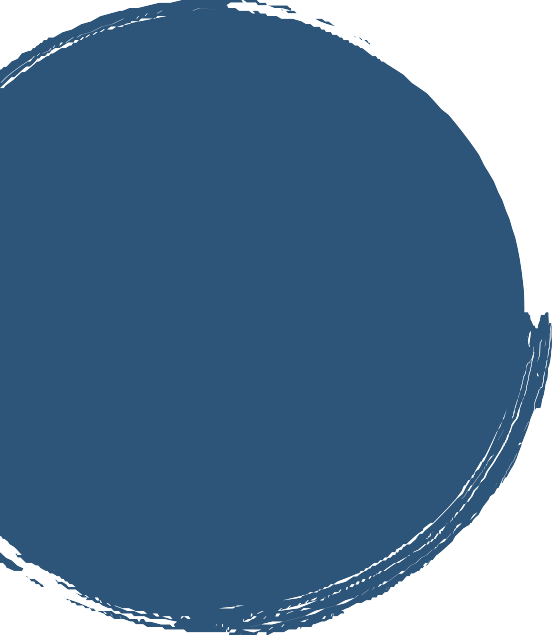
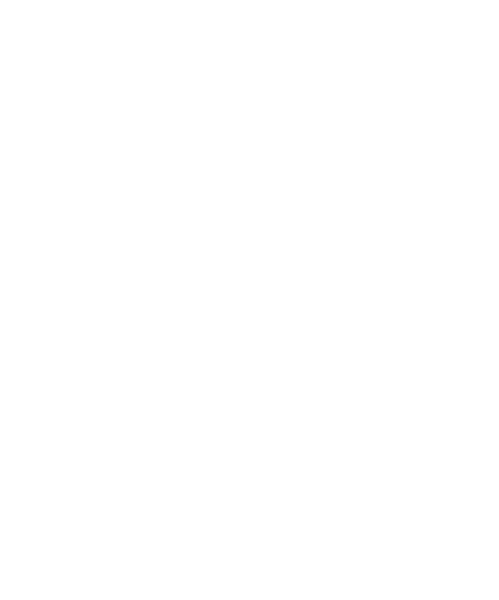
# Data Science Roles and Responsibilities

* Extensive hands-on experience with **Generative AI**, **Large Language Models (LLMs), LangChain, Llama Index, and advanced Machine Learning** and **Deep Learning** models along with **NLP, Scikit-Learn, NLTK, Seaborn, Matplotlib, Bagging, Boosting, spaCy.**
* Proficient in full-cycle model integration using **Flask, FastAPI, AWS, and Azure** platforms.
* Expertise in **Python, Data Analysis, Azure ML Studio, Azure Form Recognizer**, and **Jupyter Notebooks** for building data-driven solutions.
* Conducted in-depth R&D on **Topic Modeling, Keyword Extraction, OpenAI LLMs, GenAI,** and **Hugging Face** models; skilled in comparing Traditional AI and Generative AI approaches.
* Solid knowledge of **OOP (Python), LivePerson Chatbot Development, Power BI, Docker, and MongoDB**, with exposure to **Node** and **HTML**.

# Achievements:

* Won a **Perspective Champion Award** for a project on Intelligent

Azure



* + Microsoft AI-102 - Designing and Implementing a Microsoft Azure AI Solution
  + Microsoft AZ-900 - Microsoft Azure Fundamentals
  + Microsoft AI-900 –

Azure AI Fundamentals

* + Microsoft DP900, D
  + IBM Developer – Machine Learning with Python
  + IBM Developer – Data Analysis with Python
  + Infosys Certified Data Science using Python Professional
  + Infosys Certified Python Programmer
  + DeepLearning.AI – Neural Networks and Deep Learning
  + Imperial College London – Getting Started with TensorFlow2
  + Machine Learning Pipelines with Azure ML Studio
  + LivePerson – Conversational AI Engineer, Conversational Design, Messaging Foundation
  + CertiProf Professional Knowledge- Scrum Foundation Professional

document processing on Japanese Documents.

* Participation in **Microsoft Cloud Pro: Data & AI – Hackathon** – Developed an **Interview Evaluation System using Azure OpenAI** – (**Evaluation for hackathon is in process).**

# Relevant Data Science Experience:

## Infosys BPM, Pune – Associate Business Analyst

* **One of the world’s largest express transportation companies –** Working as a R&D Resource for **OpenAI capabilities, Machine Learning and opportunities.** Developed a **GenAI** PoC on the use-case for query customer experience using **OpenAI LLM.** Working on two **classification** use cases using **traditional machine learning**.
* **Vendor Query POC, AT&T –** Main Agenda was to **identify the Intents and Extract the Named Entities** from the provided email description. Worked as ML Developer to create the classification models with **80+% accuracy** and created **NER** model using **spaCy**. Developed **Flask APIs** to create the automated workflow using **Enate** (IIDP Solution).
* **Live Accounting BOA & DB –** Worked as a Python Developer. Developed **Executable python scripts for BOA & DB** for Automation Anywhere Bot to fetch the Customer code, Allocation number & Amount from incoming payment records on provided conditions and to generate the output file and summary report on daily basis.
* **Multiple Leading Manufacturing Companies of Europe –** Worked as a lead developer. Created automated solutions to process the invoices. Successful implementation of **IIDP** solution using **Azure Form Recognizer and Flask API.**
* **Resume Parser POC – Resume Parsing** technology which helps to **automatically store, organize, and analyze resume data to filter out the best candidate.** Worked on **NER** model which is a substitute for Azure Developed model to extract the PII and other entities from given resume effectively.
* **Multiple clients from different locations and domains –** Supported the project as **Python** Developer. Successful **automated workflow creation and Flask API** generation for Document processing using **Azure Form recognizer**.

## Trustxis Pvt. Ltd. (Remote) – ML Intern

* **Decision System for Financial Institutes** – Developed a model to **predict a credit limit** of a customer and built an UI using **Flask API** for the same.
* **Sentimental Analysis** – Worked on **Sentimental Analysis** on comments/Reviews received from the customers on a third-party data