# PROFESSIONAL SUMMARY

Overall **12+** experience **Machine Learning Engineer (ML)** with **6 +** years of experience in managing machine learning lifecycles end-to-end in manufacturing and retail. Apt at developing, building, and maintaining both ETL and ML pipelines to increase data accuracy and predictability. Perfectionist, always open to collaborating with data science and industry professionals to look outside current frameworks and **6** years in **.Net Full Stack Development.**

# TECHNICAL SKILLS

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| **Programing Language** | Python, C # |
| **Frameworks** | .Net Framework, .Net core |
| **Deep Learning Framework** | TensorFlow, Keras  |
| **Data Base** | SQL, Monga DB and PostgreSQL |
| **Cloud** | Google Colab, Azure, and AWS  |
| **Web Tools and Technologies** | HTML, JQuery, JSON, AJAX, CSS, and Bootstrap |
| **Type Script**  | Angular 8 |
| **Technologies**  | ASP.Net, ASP.Net Core, MVC, Web API and REST API |
| **Build and CI/CD Tools** | Luigi |
| **Programming Libraries** | Numpy, Pandas, Scikit-learn and OpenCV |
| **Tools and Software****Data Visualization Tool** | JIRA, Bitbucket, Artifactory, Confluence, PyCham, Visual Studio, Visual Studio Code, Jupiter Notebook Tableau  |
| **Version Control Tools** **ORM framework****Artificial Intelligence** **Techniques** | TFS, GitHubEntity Framework, Entity CoreNLP. Deep Learning, Computer Visions, Gen AI |

# PROFESSIONAL CERTIFICATION

* [IBM Machine Learning Professional Certificate](https://www.coursera.org/professional-certificates/ibm-machine-learning) (YBSXVWGEAP44)
* Generative AI with Large Language Models (HPZ3CRXRUZ34)

# PROFESSIONAL EXPERIENCE

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| **Senior Machine Learning Developer** / Kinaxis Pvt Ltd | Dec’20 – May’24 |

* Worked on Exploratory Data Analysis (EDA), Statistical Analysis, with Python and Luigi as a pipeline tool.
* Designed and developed an analysis system to extract information from large-scale data.
* Trained and tested model according to the data set.
* Designed POC for the business questions. Explore and work with very high-dimensional data.
* Build a new model to extract more value from the customer data, which will help us know more about retail users and manufacturing users.
* Predicted product sales by applying a LightGBM model and created Dashboard Accuracy.

**Environment:** PyCham**,**Python 3.8, Docker, Luigi, Git, Helm and MongoDB.

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| **Machine Learning Engineer** / Balcke Duerr Engineering Pvt Ltd |  Aug’18 - Nov’20 |

* Develop and evaluate algorithms using ML and statistical modeling techniques to increase performance, quality, data management and accuracy
* Developed, simulated, tested, and improved algorithms for estimating heat load
* Designed POC for the business questions. Explore and work high-dimensional data

**Environment:**  PyCham**,**Python 3.8, Azure and SQL

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| **Software Engineer** / BSI Group Pvt Ltd | Jun’16 - Aug’18 |

* Participated in the scrum development team as a senior developer doing .Net web development.
* Collaborated with non-technical sponsors and stockholders to understand their requirements into solid designs.
* Implement unit test.

**Environment:** Visual Studio, Visual Studio Code and SQL-Building an end-to-end application with Sitecore as the front end and Web API as the backend.

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| **Software Engineer** / Future Focus Infotech Pvt Ltd | Jan’16 - Jun’16 |

* Building an end-to-end application with Sitecore as front end and Web API as backend.
* Create robust, clean, and maintainable code.
* Write unit and integration tests and automate them.

**Environment:** Visual Studio, SQL and Sitecore

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| **Software Developer** / Kryptos Technologies Pvt Ltd | Oct’14 - Jan’16 |

* Involved in the database schemas that represent and support the business process.
* Implemented automated test platform and unit test.
* Created application and n-tier system that utilize extended features, including LINQ, Entity

Framework

**Environment:** Visual Studio, SQL

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| **Software** **Engineer** / Jeevan Technologies Pvt Ltd | Aug’12 - Aug’14 |

* Designed lean proofs of concept (POC) for the new product with a workflow engine.
* PDF template creation and data binding for form generation.
* Create database schemas on the DB store.

**Environment:** Visual Studio and SQL

# EDUCATION

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| * **MS** - Machine Learning and Artificial Intelligence

*(Liverpool John Moores University)** **PG Diploma** - Machine Learning and Artificial Intelligence

 *(International Institute of Information Technology)* |  Nov 2022 - Oct 2023 Jun 2021 - July 2022 |
| * **B.Tech -** Information Technology

(*karunya Institute of Technology and Sciences)* |  Jun 2007 - Aug 2011  |