

NITIN KUMAR

Data Scientist

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kyndryl

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Summary

- Data Scientist with 5+ years of expertise in intelligent data processing, handling and analysis.
- Worked on transformers models and applied NLP techniques, particularly LSTM for sentiment analysis, ticket classification and summarization.
- Providing consistently effective Descriptive, ML & Predictive solutions to develop and improve company performance and growth.
- Worked and implemented different ML/DL algorithms and Hugging Face pre-trained models for anomaly detection and text classification.
- Worked on Kibana and Power BI to create interactive and visually compelling dashboards, reports, and data visualizations.
- Experience in NLP, End to End Deployment, interpreting data and generating useful reports/dashboards.

Qualifications

- 2023 AWS Certified Machine Learning - Specialty
- 2021 Microsoft Certified – Azure AI Fundamentals
- 2018 Bachelors of Technology – Computer Science & Engineering
- 2014 Higher Secondary (10+2)
- 2012 High School

Work Experience

Senior Associate II Data Scientist

Sep 2021 – PRESENT

KYNDRYL

As a Data Scientist with over 5+ years of experience in Data Science domain which includes data processing, handling, analysis deployment and providing effective Machine Learning and Deep Learning (RNNs) solutions in the form of predictive and descriptive dashboarding by using various tools like Elastic ML, Kibana and Power BI etc.

Sample of customers, projects and roles:

Client – Kaiser Permanente, AT&T, Anthem

- Developed data analysis, data mining, and processing (ETL) workflows for storage and backup management optimization and cost reduction.
- Conducted data analysis, data mining, and processing for healthcare analytics projects.
- Utilized ML techniques to forecast storage utilization, enabling effective planning and cost optimization.
- Created and Deployed ITCE (Intelligent Ticket Classification Engine) and applied NLP techniques particularly LSTM and Worked on Service Health Project to calculate health of Entities(Servers, Stores, DataCentres and more)for multiple applications

- Created powerful and actionable insights by building interactive reports and dashboards using Kibana and Power BI.
- Implemented anomaly detection methodologies based on size, time and utilization to identify and track anomalous events, facilitating proactive planning.

Previous Roles:

Data Scientist

Mar 2019 – Aug 2021

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Client – Storage Analytics, Kaiser Permanente

- worked on Storage Analytics project and utilized Elastic ML to identify anomalies in timeseries data and make accurate predictions, worked with large datasets and implementing effective anomaly detection.

Client – GTS Analytics, Kaiser Permanente

- Developed a log parsing system to manage unstructured raw data and convert it into structured data.
- Utilized Golang and text analysis techniques to extract key-value pairs from log files.

Client - iPAT Analytics (IBM's Internal Project)

- Developed and managed pricing models using Java and microservices.
- Utilized Python API for data processing tasks.

Software Developer

Jul 2018 – Feb 2019

Phlox IT Global

- Worked on data extraction and data ingestion using Python.
- Worked on Sentiment Analysis project using Apache Flume and kafka.

Skills & Proficiencies

Primary: Python, AWS, SQL, ELK, Power BI, Machine Learning, Deep Learning (RNNs), Statistical Technique, NLP (Natural Language Processing), SpaCy, Time Series Modelling, Pandas, NumPy, Matplotlib, Scikit-learn, DSA, Agile methodology.

Secondary: PySpark, Tableau, Regex, Large Language Models, Kubeflow.

Other Projects

Fraud Detection and Claim Management: Used Machine Learning, Deep Learning algorithms particularly LSTM and pre-trained Hugging Face models to analyze claims data to identify fraudulent patterns and streamline the claims management process.