

Anjani Kumar

Mobile: +91-9742144222/8088363373 | Email: anjanimca2007@yahoo.co.uk Bangalore, India
GitHub: <https://github.com/ANJANIGITHUB> | Articles-Data Science: <https://medium.com/@anjanimca2007>
LinkedIn Profile: <https://www.linkedin.com/in/anjani-kumar-9b969a39/>

A highly adaptable and results-oriented AI/ML leader with 17+ years of IT experience, including 8 years specializing in Data Science, Machine Learning, Deep Learning, NLP, and Generative AI. Known for combining deep technical expertise with strategic leadership to deliver enterprise-scale, data-driven solutions that optimize operations, drive innovation, and accelerate digital transformation. Proven ability to architect and deploy end-to-end AI/ML systems, lead high-performing cross-functional teams, and collaborate with executive stakeholders to define AI roadmaps aligned with business goals. Skilled in predictive analytics, model deployment, and scalable ML infrastructure, with a passion for solving complex business problems through advanced AI technologies.

Technical Skills:

Statistics	Exploratory Data Analytics, Inferential Analytics, Hypothesis Testing, Probability Theory, ANOVA, ANCOVA, Statistical Tests, Correlation
Machine Learning / Deep Learning	Linear Regression, Logistic Regression, Decision Tree, CART (Classification and Regression Trees), Random Forest, Gradient Boosting (XGBoost, AdaBoost, Gradient Boosting), K-Nearest Neighbors (KNN), Clustering (K-Means, DBSCAN, Hierarchical Clustering), Support Vector Machine (SVM), Naive Bayes Classifier, Gradient Descent, Artificial Neural Networks(ANN), Convolutional Neural Networks (CNN), Recurrent Neural Networks (RNN), Long Short-Term Memory (LSTM), Gated Recurrent Units (GRU), Transformer-based Models (BERT, GPT, T5)
Text Analytics, NLP /LLMs & Gen AI	Bag-of-Words, TF-IDF, Word2Vec, spaCy, Scikit-learn, SciPy, LSTM, Encoder-Decoder Architectures, Transformers, BERT, OpenAI Models (GPT-3.5, GPT-4), Google Gemini Models, Pinecone, Chroma, FAISS (Vector Databases), LangChain, LangGraph
Visualization	Tableau, Power BI, Matplotlib, Seaborn, ggplot, Plotly
Languages	Python, SQL, R, Scala
Tools	Databricks, Visual Studio Code, Jupiter Notebook, Spyder, GIT, GitHub, Docker, Kubernetes, Virtualization, Chef, Jira, ETL, AWS, Fast API
Databases Environments	Microsoft SQL Server, Oracle, MongoDB
Cloud Platform	Microsoft Azure, Azure Databricks, Azure Data Factory, Azure Data Lake

Experience

Senior Data Scientist | Maersk Global Service Centre (India) Pvt. Ltd Bangalore | Since Feb 2021

- Managed Data Science, ML, and AI initiatives to solve complex business challenges and automate processes, collaborating with engineering and stakeholders to align with strategic objectives.
- Transformed data by developing and deploying advanced ML models to enhance performance; generated predictive insights and dashboards for informed cross-functional decisions.
- Standardized data processes and KPIs; performed data visualization, BI, and statistical analyses; facilitated cross-functional discussions to measure impact and drive improvements.

Project Details

- Master Data and Order Handling Platform ML projects:** Designed and developed price prediction and time series demand forecasting models for Maersk container bookings. Built anomaly detection models for network intrusion.
- Fleet & Emission:** Led the design and deployment of ML models to predict engine component RUL and estimate energy consumption for TFD refrigerated containers without direct data, enhancing predictive maintenance and sustainability insights through end-to-end model development and dashboard integration.
- Sanctions & Compliance:** Led the end-to-end design, development, and deployment of a Name and Address Matching algorithm for sanctions screening platform, replacing manual processes with an automated, scalable solution. This significantly improved accuracy, reduced operational workload, and helped avoid over USD 3 million in regulatory fines while protecting the brand from reputational damage through robust compliance in name and address verification.

Lead Software Engineer | Software Development/Campaign Management LLP (Epsilon) | Jun 2019 to Jan 2021

- Conducted advanced EDA and statistical modeling. Developed and deployed ML solutions, including a customer apparel recommendation system for personalized suggestions.
- Built scalable ML pipelines; led projects end-to-end—defined scope, managed resources, and guided cross-functional teams.
- Documented data sources; produced analytical reports; performed feature selection and model optimization; delivered production-ready data science products.

Project Details: Web Enrollment is web-based application used by internal users to enroll car dealers with various cadence programs/campaign | June 2019 to Oct 2020 - Building Recommendation system for customers for personalized experience based on their purchased history (based on car usage) and similarity between them. This increased revenue by 70%. Provide meaningful insights by doing EDA & using different ML Models and Visualization.

Software Developer 3 (Team Lead) | Oracle India Pvt. Ltd., Bangalore | Apr 2017 to Apr 2019

- Work on a team designing software and algorithms to solve real-world problems in industrial processes. Use machine learning techniques, statistical tests, algorithms, and physically motivated models. Solve problems by applying advanced Machine Learning algorithms and statistical models on large volumes of data.
- Expertly handle all stages of data wrangling, collecting, cleaning, and transforming large / complex datasets. Work with cross-functional teams to assess data science use cases & solutions. Build custom data models with a focus on recommendation systems. Monitor model performance and make improvements as necessary.

Project Details: Apr 2017 to Apr 2019 | This is marketing project where we need to retain the existing customers by lucrative offers and add new customers by brands. Perform Data gathering and Exploratory Data Analysis (EDA).

Associate | JP Morgan Chase Services, Bangalore | Oct 2015 to Feb 2017

- Responsible for the development of the life cycle of the solution and managed complex projects with significant bottom-line impact. Proactively analyze, highlight and resolved issues to help team deliver to planned scope and schedule. Serve as “hands-on” escalation point to identify and suggest approaches to resolve issues

Senior Consultant | Capgemini India Private Limited, Bangalore | Aug 2013 to Oct 2015

- Actively built and contributed to the company's Agile Community and help develop Communities of Practice, mentor agile practitioners. Worked with cross functional team for approval and project/product management methodology. Analyzed, monitored and helped business to understand project management methodology.

Senior System Engineer | IBM India Private Limited, Bangalore | July 2011 to Aug 2013

- Analyzed and troubleshooted complex issues and implemented solutions. Provided functional support for both application and business process issues. Worked in a cross-functional environment, developed solutions that integrated information technology and business process changes to support strategic business info needs.

Software Engineer | SGGSC, Bangalore | Feb 2008 to Jun 2011

- Planned, developed, and supported applications by implementing enhancements, fixing bugs, optimizing performance, and bridging communication between business users and technical teams.

Certifications - IBM Data Science and AI Certification | Microsoft Certified: Azure Fundamentals | Microsoft Certified: Azure AI Fundamentals | Microsoft Certified Azure AI Associate | Microsoft Certified Azure Data Scientist Associate | Microsoft Certified Azure Data Engineer Associate | Oracle Advanced PL/SQL Developer Professional - 11g database

Qualification

- Master of Technology in Data Science & Engineering, BITS, Pilani-2022-2024
- Master of Computer Application (MCA) from UPTU, Lucknow – 2004-2007

Anjani Kumar