

BHARAT SALIAN

+91 9769922662

Bharats123@gmail.com ◊ <https://www.linkedin.com/in/bharatbsalian/> ◊ <https://github.com/salianbharat>

OBJECTIVE

Dynamic IT professional with over 16 years of distinguished leadership and strategic problem-solving expertise in the technology industry. Aspiring to excel in a Principal Data Scientist / LLM Specialist role, leveraging profound analytical skills, data-driven decision-making acumen, and a diverse technology skill set to illuminate actionable insights and foster innovation. Proven track record in data science strategy, advanced ML model development, and optimizing operational efficiency with innovative technology solutions.

EDUCATION

MBA, Sikkim Manipal University 2011

Bachelor of Computer Science, Mumbai University 2002 - 2005

SKILLS

Statistical Analysis:	Descriptive Statistics, Inferential Statistics, Predictive Modeling, Hypothesis Testing, Exploratory Data Analysis
Supervised Learning:	Linear Regression, Ridge Regression, Lasso Regression, Logistic Regression, KNN, SVM, Naïve Bayes, Decision Trees
Ensemble Learning:	Bagging, Boosting, Random Forest, AdaBoost, Gradient Boosting, XGBoost
Unsupervised Learning:	K-Means Clustering, Hierarchical Clustering, DBSCAN
Hyperparameter Tuning & Validation:	Grid Search CV, Random Search CV, K-Fold Cross Validation
Natural Language Processing:	Tokenization, Stemming, Lemmatization, Sentiment Analysis, Named Entity Recognition, RNN, LSTM, BERT, Transformers, ALBERT, RoBERTa
Text Embedding:	Bag of Words, TF-IDF, Word2Vec, GloVe, FastText, BPE, OpenAI Embedding, Gemini Text Embeddings
Large Language Models:	GPT Models, LLaMa-2, LLaMa-3, Falcon, Mistral, Gemma
LLM Fine-tuning:	SFT, DPO, RLHF, PEFT (LoRA, QLoRA), Function Calling, Instruct
RAG Frameworks:	Langchain, LlamaIndex, Pinecone, FAISS, Qdrant, Chroma DB, Weaviate
Neural Networks & Computer Vision:	ANN, CNN, OpenCV, Transfer Learning (AlexNet, GoogleNet, VGG16, VGG19, ResNet, Inception, EfficientNet, MobileNet, YOLO, Stable Diffusion)
Model Deployment:	Docker, AWS Bedrock, AWS SageMaker
Toolkit & Libraries:	Python, NumPy, Pandas, Seaborn, Matplotlib, SciPy, Scikit-learn, Keras, TensorFlow, OpenCV, PyTorch, Asyncio, Hugging Face Transformers

EXPERIENCE

Technical Program Manager Jan 2023 – Current
Capgemini India Pvt. Ltd.

- Led a cross-functional 15-person team to design, develop, and launch an online e-commerce store, prioritizing and resolving 25+ new features and bug fixes.
- Developed strategic insights across 3 product teams, incorporating data science methodologies for operational enhancements.

Product Owner Jan 2022 – Dec 2022
Capgemini India Pvt. Ltd.

- Orchestrated the development team for an e-commerce application, utilizing data-driven insights to enhance customer experience.

- Integrated machine learning models to optimize business operations and customer satisfaction.

Scrum Master & Service Delivery Manager

Jan 2018 - Dec 2022

Capgemini India Pvt. Ltd.

- Championed Agile methodologies, driving a remarkable 30% surge in team productivity.
- Pioneered digital transformation initiatives, implementing advanced data analysis and visualization techniques.

Senior Consultant

Oct 2013 - Dec 2017

Capgemini India Pvt. Ltd.

- Spearheaded the strategic planning and execution of data center migration projects for major clients, ensuring seamless transitions and zero downtime.
- Implemented infrastructure automation, resulting in a 20% reduction in manual effort and a notable boost in operational efficiency.

Server Analyst

Jan 2009 - Oct 2013

Accenture Services Pvt. Ltd.

- Managed and optimized the SharePoint/MOSS environment for a user base exceeding 10,000, implementing strategic solutions to ensure high availability and performance.
- Revolutionized SharePoint Farm Deployment, significantly reducing workload through automation.
- Successfully virtualized servers within a VMware ESX environment, achieving substantial cost savings.

Infrastructure Delivery Lead

Aug 2010 - Jan 2011

Accenture Services Pvt. Ltd.

- Pioneered the migration from physical to virtual infrastructure, delivering a 30% reduction in hardware costs and enhanced scalability.
- Meticulously managed SharePoint and web infrastructure, ensuring smooth, uninterrupted operations.

Remote Support Engineer

Jan 2008 - Mar 2009

Accenture Services Pvt. Ltd.

- Provided Level 2 support for internal clients, resolving technical issues promptly and ensuring high client satisfaction.

Infrastructure Agent

Jan 2007 - Jan 2008

Crux Management Pvt. Ltd. — For Accenture Services Pvt. Ltd.

- Managed Active Directory infrastructure for the help desk, streamlining user management processes and reducing response time.
- Established a remote help desk, improving support accessibility and reducing resolution time by 20%.

TR. FMS Engineer

Sep 2006 - Jun 2007

CMS Computer Ltd.

- Implemented and managed ATM network across multiple locations for a leading bank, ensuring smooth operations and customer satisfaction.

PROJECTS

Predictive Analysis of Employee Retention at Salifort Motors. Built a machine learning model to predict employee retention using historical HR data. Applied EDA, feature engineering, and classification models (Logistic Regression, Random Forest, ANN) to optimize accuracy. Provided data-driven insights to reduce attrition. Used Python, Pandas, and Scikit-learn.

Detecting COVID-19 with Chest X-Ray Using PyTorch. Developed a deep learning model using CNNs to classify chest X-ray images into Normal, Viral, and COVID-19 categories. Applied data augmentation, transfer learning, and visualization techniques to improve accuracy. Used PyTorch, OpenCV, and Matplotlib for implementation.

Detecting Disease on Chilli Plant. Developed a deep learning model using CNNs to detect and classify diseases on chilli plant leaves. Applied image preprocessing, data augmentation, and transfer learning to boost accuracy. Utilized PyTorch, OpenCV, and Matplotlib for implementation.