



BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT
(An Autonomous Institution, Affiliated to VTU, Belagavi)
Avalahalli, Doddaballapur Main Road, Yelahanka, Bengaluru -560064
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Professors of Practice: Mr. Harsh Singhal



Mr. Harsh Singhal, who brings over 16 years of international industry experience in machine learning (ML), data science, and artificial intelligence (AI). He has been recruited in the Department of Artificial Intelligence and Machine Learning (AIML) to strengthen the institute's industry engagement efforts. Mr. Singhal has delivered high-impact, data-driven solutions to leading technology companies such as Adobe, Glean, Palo Alto Networks, Netflix, and LinkedIn. His areas of expertise include Natural Language Processing (NLP), Computer Vision, and MLOps. He is proficient in tools and frameworks such as Python, PyTorch, Keras, Spark, AWS, GCP, Azure, MLFlow, BentoML, Ludwig, ONNX, and Milvus. His practical contributions span key business domains including fraud prevention, sales recommendation systems, and bot/spam detection, aligning academic learning with real-world applications.



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PROJECT TITLE
Resume Screening System
Customer Churn Predictor
Invoice Data Extractor
Sentiment Analysis API
Sales Forecasting Dashboard
Manufacturing Defect Detector
Lead Scoring Model
Real-Time AI/ML-Based Phishing Detection and Prevention System



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Professors of Practice: Rangavittala S R



Mr. Rangavittala SR serves as Director of Institutional Research and Online Programs at Vivekananda Yoga University (VaYU), California, USA. With over a decade of experience in institutional research, data analytics, and academic systems, he specializes in IPEDS-aligned reporting, student lifecycle analytics, and accreditation support.

He has established centralized data frameworks, developed Power BI dashboards for enrollment and retention analysis, and built longitudinal student data systems using PostgreSQL. Proficient in SQL, Power BI, Advanced Excel, and LMS platforms such as Canvas and Moodle, he enables data-driven decision-making and strengthens institutional effectiveness through evidence-based insights.