

PRAKASH KONETI

Principal Consultant - Artificial Intelligence & SAP Analytics

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PROFESSIONAL SUMMARY

Results-driven AI & Data Analytics leader with 11+ years of experience, including 5 years specialized in Artificial Intelligence, Machine Learning, and Deep Learning. Proven track record in developing enterprise-grade generative AI applications, predictive analytics systems, and computer vision solutions. Expert in driving SAP BW/4HANA implementations and formulating AI strategies that deliver measurable business impact.

TECHNICAL EXPERTISE

- **Artificial Intelligence:** Generative AI, Large Language Models (LLMs), Agentic AI, Prompt Engineering
- **Machine Learning:** Computer Vision, Natural Language Processing, Predictive Analytics, Time Series Forecasting
- **Frameworks & Tools:** PyTorch, LangChain, FastAPI, RAG, Vector Databases
- **Programming:** Python, Statistical Analysis, Data Visualization
- **SAP Technologies:** SAP BW/4HANA, SAP ABAP
- **Cloud & DevOps:** Microsoft Azure AI Services, MLOps, Model Deployment, CI/CD Pipelines

PROFESSIONAL EXPERIENCE

Mercedes-Benz Research & Development India (MBRDI)

Principal Consultant - Artificial Intelligence | May 2021 - Present

- **Agentic AI Initiative:** Architected an artificial AI team system to automate trend analysis and knowledge management, delivering actionable insights for company-wide strategic decision-making
- **Enterprise LLM Platform:** Designed and implemented a comprehensive chatbot ecosystem leveraging LLMs for document intelligence, automating Excel data analysis, and enterprise knowledge retrieval, reducing information retrieval.
- **Computer Vision Systems:** Developed and deployed image analysis models for vehicle defect detection with 94% accuracy, enabling automated quality control
- **Predictive Analytics Engine:** Created time-series forecasting models for sales prediction with 87% accuracy, directly supporting data-driven marketing strategies

- **ML Model Factory:** Established framework for rapid ML model development across use cases including used car sales prediction and sound classification

Cognizant

Technology Lead Data Analytics & Migration Specialist | May 2019 - May 2021

- Worked on exploratory data analysis across multiple projects, applying statistical methods to identify data trends for pharmaceutical drug discovery
- Architected SAP BW/4HANA migration initiatives, ensuring optimal data architecture while maintaining system integrity.
- Conducted comprehensive SAP BW/4HANA compatibility assessments and performance tuning, improving query performance by 40%

Accenture

Development Team Lead & Senior Software Engineer | 2014 - 2019

- Designed and implemented SAP BW/4HANA and BW on HANA solutions for global enterprise clients.
- Managed global support operations for telecom sector clients, ensuring 99.9% system uptime.
- Optimized data warehouse architecture to support advanced analytics capabilities

Tata Consultancy Services

Senior Process Associate | 2009 - 2014

- Managed backend operations for multiple enterprise clients
- Implemented process improvements resulting in 25% efficiency gains

CERTIFICATIONS

- Microsoft Certified: Azure Data Scientist Associate
- Microsoft Certified: Azure AI Engineer Associate

RESEARCH & PUBLICATIONS

- **Leafy Vegetable Freshness Detection using Transfer Learning** (CSCT 2024, NIT Sikkim)
 - Achieved 96.46% accuracy using DenseNet201 for deep learning-based freshness classification
 - Demonstrated significant improvement over traditional computer vision approaches
- **Automated Vegetable Freshness Classification** (Patent Pending)
 - Developed AI-based system for multi-category classification with 87.28% accuracy
 - Innovation enables real-time quality assessment for agricultural supply chains

EDUCATION

- **MSc in Artificial Intelligence**, Reva University, Bangalore
- **PGDM in Management**, Chennai Business School, Bangalore
- **BSc in Computer Science**, S.K University, Anantapur