BIBHUDENDU BEHERA

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SUMMARY

AI Engineer specializing in building production-ready machine learning and generative AI systems aligned with Google's engineering standards. Strong foundation in Python, ML modeling, vector databases, data pipelines, and scalable backend development. Experienced in designing end-to-end AI workflows: data preprocessing, model training, evaluation, API deployment, and real-world automation. Combining 10+ years of analytical, metric-driven problem solving with hands-on AI engineering through a structured 180-day roadmap focused on ML, Deep Learning, Generative AI, and MLOps.

EXPERIENCE

Assistant Team Leader
IntouchCX   2016-2025
· Designed and optimized analytical workflows improving onboarding efficiency by 20%.
· Built recurring reporting pipelines using Excel/Power BI for executive decision-making.
· Led 25+ analysts, ensuring metric-driven performance optimization.

Brand Expert
Helpchat   2015–2016
· Analyzed high-volume support data and identified user behavior patterns.

PROJECTS

PDF-Parser-Pro
· Extracted structured and unstructured data from PDFs using custom parsing and OCR.
· Built schema normalization and data cleaning pipelines for analytics and ML readiness.
· Deployed Streamlit-based interface enabling instant CSV/Excel export.

Web-Extractor-Pro
· Built modular web scrapers supporting multi-site HTML structures.
· Implemented error recovery, rate limiting, and structured data export.

CSV-Cleaner-Pro
· Automated detection and correction of corrupt, missing, and inconsistent data.
· Designed rule-based transformations for ML-ready pipelines.

EDUCATION

B.Tech, Electronics & Telecommunications
BPUT, Odisha · 2013

CERTIFICATIONS

Google AI Essentials
Google

Google Data Analytics Professional Certificate
Google

Learn SQL Basics for Data Science
UC Davis

Python for Everybody
University of Michigan

SKILLS

Python, SQL

scikit-learn, TensorFlow, PyTorch, Feature Engineering, Model Evaluation

LangChain, OpenAl API, Google Gemini APIs, Embeddings, RAG, Pinecone, Chroma

FastAPI, Docker, CI/CD, REST APIs

Pandas, NumPy, ETL Pipelines, CSV/JSON Handling

Streamlit, Matplotlib, Seaborn, Plotly

GCP, Vertex Al, BigQuery

Git, GitHub, Virtual Environments