Rohan Verma
Senior Machine Learning Engineer
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Professional Summary

Results■oriented ML engineer with 8+ years of experience turning insurance data into production■grade m
processing time and boost customer satisfaction. Skilled at end■to■end pipelines from feature engineering

Core Skills

- Python, SQL, Spark, TensorFlow, PyTorch, Vertex AI
- Generative AI (Gemini, GPT■4o), LangChain, vector databases
- Data engineering, CI/CD, Docker, Kubernetes, GitHub Actions
- Micro■services design, REST APIs, event■driven architectures
- Agile delivery, stakeholder communication, mentoring

Professional Experience

Sun Life Global Capability Center, Bengaluru | Senior ML Engineer | 2021–Present
• Designed a real■time fraud detection model that dropped false positives by 35%.
• Led migration of on■prem models to Google Cloud, lowering infra cost by 22%.
• Mentored a team of five data scientists on MLOps best practices.

Infosys, Bengaluru | ML Engineer | 2017–2021
• Built NLP models to automate policy document classification, cutting manual effort by 60%.
• Delivered predictive analytics dashboards used by 40+ underwriters.

Education

M.Tech., Artificial Intelligence | IIIT Hyderabad | 2017
B.E., Computer Science | PES University | 2015

Certifications & Awards

- Google Professional Machine Learning Engineer
- Sun Life Innovation Challenge Winner 2023

Projects

• Claims Chatbot powered by Gemini embeddings, handling 10k+ queries monthly.
• Explainable AI framework for underwriting, improving regulator trust.