[Full Name]

[City, State/Country] | [email@example.com] | [Phone Number] | [LinkedIn URL] | [GitHub/Portfolio URL]

PROFESSIONAL SUMMARY

[Machine Learning Engineer] with [X] years of experience designing, training, and deploying **end-to-end ML solutions** across [industry/domain, e.g., fintech, e-commerce, or healthcare]. Proven track record of improving model performance, reducing latency, and operationalizing models using **MLOps best practices**. Skilled in **Python, deep learning, and cloud-based ML platforms**, with strong ability to translate business problems into data-driven solutions. Adept at collaborating with cross-functional teams to deliver scalable, production-grade models that drive measurable impact.

EXPERIENCE

[Senior Machine Learning Engineer] | [Company Name]

[Month YYYY] – Present | [Location]

- Led the design and implementation of a **production recommendation system** using [Python, TensorFlow/PyTorch, Scikit-learn], improving click-through rate by [X%] and increasing revenue per user by [Y%].
- Built an automated **MLOps pipeline** on [AWS/Azure/GCP] using [Docker, Kubernetes, CI/CD, MLflow], reducing model deployment time from [N days] to [M hours] and enabling reproducible experiments across environments.
- Collaborated with data engineering and product teams to define **feature engineering** strategies, implement robust data validation, and monitor model drift, decreasing model-related incidents in production by [Z%].

[Machine Learning Engineer] | [Previous Company Name]

[Month YYYY] – [Month YYYY] | [Location]

- Developed and deployed supervised learning models for [use case, e.g., fraud detection, churn prediction] using [XGBoost, LightGBM, Scikit-learn], achieving a [X%] lift in precision/recall over the existing baseline.
- Implemented a **model monitoring and alerting framework** leveraging [Prometheus, Grafana, custom dashboards] to track latency, accuracy, and data quality, reducing mean time to detect issues by [Y%].
- Optimized training pipelines with **distributed computing** tools such as [Spark, Dask, or Ray], cutting training time on large datasets by [Z%] while maintaining or improving model performance.

EDUCATION

[Master of Science in Machine Learning / Computer Science] | [University Name]

[Month YYYY] – [Month YYYY] | [Location]

- Relevant coursework: [Statistical Learning], [Deep Learning], [Probabilistic Graphical Models], [Big Data Systems], [Optimization].
- Thesis/Capstone: "[Thesis Title Related to Machine Learning]" focusing on [brief description, e.g., scalable deep learning architectures for time-series forecasting].

[Bachelor of Science in Computer Science / Related Field] | [University Name]

[Month YYYY] – [Month YYYY] | [Location]

- Key projects in algorithms, data structures, and applied machine learning.
- Activities: [ML/AI Club], [Programming Contest Team], or [Research Assistantship] in [relevant lab].

SKILLS

- **Programming & Frameworks:** [Python], [TensorFlow], [PyTorch], [Scikit-learn], [Pandas], [NumPy], [SQL].
- **Machine Learning & Deep Learning:** [Supervised/Unsupervised Learning], [NLP], [Computer Vision], [Time-Series Modeling], [Model Evaluation & Tuning].

- **MLOps & Deployment:** [Docker], [Kubernetes], [MLflow], [CI/CD tools, e.g., GitHub Actions, Jenkins], [REST APIs], [Model Serving (e.g., FastAPI, Flask)].
- **Data & Cloud Platforms:** [AWS/GCP/Azure], [Data Warehouses (e.g., BigQuery, Redshift)], [Spark/Dask], [Kafka/Kinesis] (as applicable).
- **Mathematics & Statistics:** [Probability], [Linear Algebra], [Optimization], [Hypothesis Testing], [A/B Testing].
- **Tools & Collaboration:** [Git], [Jupyter Notebooks], [VS Code/PyCharm], [JIRA], [Confluence].
- **Soft Skills:** [Cross-functional communication], [Problem solving], [Stakeholder management], [Mentoring junior engineers], [Technical documentation].

PROJECTS

[End-to-End ML Pipeline for Demand Forecasting] | [Personal / Academic / Company Project]

[Month YYYY] – [Month YYYY]

- Designed a complete **demand forecasting pipeline** using [Python, Prophet/LSTM, Pandas] on [X] years of historical data, improving forecast accuracy (MAPE) by [X%] compared to a naive baseline.
- Implemented data ingestion, feature engineering, model training, and batch inference, and exposed predictions via a **REST API** using [FastAPI/Flask].

[NLP-Based Document Classification System] | [Personal / Academic Project]

[Month YYYY] – [Month YYYY]

- Built a text classification model using [BERT/Transformer-based architecture] to categorize [domain-specific documents] into [N] classes, achieving [X%] F1-score on a held-out test set.
- Created an inference pipeline with **GPU-accelerated** serving and basic monitoring for latency and throughput, suitable for integration into a production environment.