

Mina Rahman — Machine Learning Engineer

Years of Experience: 6
Master of Science in Mathematics

MINA RAHMAN

Machine Learning Engineer
London, UK - (+44) 1234 567890 - minarahman@example.com - LinkedIn: linkedin.com/in/minar

SUMMARY

Data-driven Machine Learning Engineer with 6 years of experience delivering scalable AI solutions across the EU. Holds an MSc in Mathematics and excels in model development, MLOps, and cross-functional collaboration to produce high-impact products.

- Python
- TensorFlow
- PyTorch
- Scikit-learn
- SQL
- Docker
- Kubernetes
- AWS SageMaker
- Data Engineering
- Model Deployment
- MLOps
- Feature Engineering
- Data Visualization
- Statistical Analysis
- Time Series Forecasting
- Deep Learning
- Model Explainability

EXPERIENCE

- Led the development of a recommendation engine for an e-commerce platform, increasing user engagement by 30%.
- Implemented production-grade ML systems using Docker, Kubernetes, and Argo Workflows.
- Built CI/CD pipelines for automated model training, testing, and deployment with Jenkins.
- Managed data versioning, feature store, and monitoring dashboards using MLflow.
- Collaborated with data scientists to refine models and scale them for real-time predictions.
- Designed and implemented predictive models to forecast sales and customer churn.
- Applied supervised learning algorithms (Random Forest, XGBoost) and deep learning (TensorFlow, PyTorch) to solve complex business problems.
- Built end-to-end pipelines for data ingestion, feature engineering, and model deployment.
- Optimized models through hyperparameter tuning, cross-validation, and ensemble methods.
- Communicated actionable insights to stakeholders, translating business questions into measurable outcomes.
- Analyzed large marketing and product datasets to support strategic initiatives.
- Developed automated reporting dashboards using Python, SQL, and Tableau.
- Collaborated with cross-functional teams to gather requirements and translate them into technical specifications.
- Contributed to data cleaning pipelines that ensured data quality for downstream analysis.

EDUCATION

University of Cambridge - Cambridge, United Kingdom
Master of Science, Mathematics (2017)

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