

# Release Notes: Multilingual Chatbot Model v2.0

**Release Date:** 7 November 2025  
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**Repository:** <https://github.com/kiraly marguax/lesliewrites.tech>

## Overview

This release introduces multilingual support and improved contextual understanding for the chatbot model. Version 2.0 replaces v1.3 and includes significant architectural, accuracy, and UX improvements.

## New Features

- **Multilingual Inference:** Added support for German and Hungarian queries.
- **Context Memory:** Improved response continuity in multi-turn conversations.
- **API Stability:** Latency reduced by 15% using async FastAPI calls.

## Improvements

Area	Description	Result
Training Data	Expanded dataset from 80k → 120k dialogues	Better response diversity
Model Evaluation	F1 score improved from 82% → 86%	Increased reliability
Deployment	Updated Dockerfile for faster startup	Easier production rollout

## Bug Fixes

- Fixed response repetition in long sessions.
- Addressed memory overflow when batch size > 64.
- Corrected translation inconsistencies in German text generation.

## Known Issues

- Occasional delay with Hungarian inputs under high load.
- Confidence scores fluctuate slightly for multilingual responses.

## Version History

Version	Date	Summary
1.0	Feb 2025	Initial model (English only)

Version	Date	Summary
1.3	May 2025	API launch with limited training data
2.0	Nov 2025	Multilingual, optimised model deployment

## Contact

For questions or feedback:

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*Part of the AI Technical Writing Learning Series (Lesson 25)*