

# Release Notes: Multilingual Chatbot Model v2.0

**Release Date:** 7 November 2025

**Maintainer:** Leslie Amadi

**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
<b>2.0</b>	<b>Nov 2025</b>	Multilingual, optimised model deployment

## Contact

For questions or feedback:

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