

# Eren Keles

AI Developer & Automation Engineer

eren@keles.dev · keles.dev · LinkedIn · GitHub · Istanbul, Turkey



## SUMMARY

CS senior who ships production AI systems: built a **20,000-line** educational platform with multi-agent AI serving ~50 teachers, published a VS Code extension with **3,000+ downloads** in its first week, and deployed an agentic email automation system achieving **11% response rate** across 1,500+ emails. Co-authored an IEEE conference paper on Retrieval-Augmented Generation (RAG) evaluation. Seeking Erasmus+ traineeship in AI, automation, or developer tooling.

## TECHNICAL SKILLS

**AI / Automation:** Agentic AI Systems, RAG Pipelines, LLM Integration (Gemini, OpenAI, Mistral), Claude Code, Prompt Engineering, Workflow Automation, Multi-Agent Systems

**Frontend:** React 19, TypeScript, Vite, Tailwind CSS, Framer Motion, Radix UI, i18next

**Backend:** FastAPI, Express.js, Node.js, Python, Supabase (PostgreSQL + pgvector), Redis, Docker

**Tools & Platforms:** VS Code Extension Dev, Git, Vercel, Railway, FAISS, HuggingFace, ComfyUI, n8n

## LANGUAGES

**English** — C1-C2 (Professional Working Proficiency)    **Turkish** — Native    **German** — A1-A2 (Basic)

## EXPERIENCE

### Software Developer — BilFen Schools

Nov 2025 — Feb 2026

*Sole developer of BilChat AI educational platform*

*Istanbul, Turkey*

- Built **BilChat** (20,000+ LOC), a full-stack AI platform used by **~50 teachers** to generate curriculum-aligned content, reducing lesson preparation time by an estimated **60%**.
- Implemented a **RAG pipeline** (Gemini embeddings + pgvector, 12+ indexed tables) covering the full Turkish K-12 curriculum, powering **~200 AI responses/day** with contextual accuracy.
- Engineered a **multi-agent AI system** (Brain + Artist agents) and a Gemini Vision homework scanner, automating **~300 assignments/week** that previously required 100% manual grading.
- Launched **BilArena**, a real-time multiplayer quiz game (WebSockets, QR-code join, 20s rounds) adopted by **15+ classrooms**, replacing paper-based exams.

### Freelance Web Developer

2024 — Present

*AI-augmented development using Claude Code*

*Remote*

- Delivered **WellWorks Turkey** — 23-page dual-brand React SPA with pharmacy locator, built with **Claude Code** agentic workflow, cutting development time by **~70%**.
- Built **BridgeOn Global** — bilingual (EN/TR) React site with Framer Motion + full SEO stack, helping the consultancy reach **2x audience** through one unified platform.

## PROJECTS

### Email Outreach Automation | **Agentic AI System, Claude Code**

2026

- Built an agentic email system (Claude Code skill + Apps Script pipeline with auto follow-ups and analytics). Deployed for Halic University: **1,500+ emails/week**, **~2% spam**, **11% response rate**, securing sponsorship deals.

### RAG Pipeline Evaluation | **IEEE Conference Paper**

2025

- Compared **3 RAG architectures** across **20+ metrics**. Best: **86.2 F1**, **0.77% hallucination**; fastest: **13ms latency**, **75 QPS**. Stack: Python, PyTorch, FAISS, HuggingFace, ColBERT.

### YoloMode | **Published VS Code Extension**

2025

- Developer automation tool for Antigravity IDE, published on VS Code Marketplace + Open VSX. **3,000+ downloads in the first week**. Technical: CDP protocol, webview bridging, cross-origin handling.

### LLM Exam Evaluation Engine | **FastAPI, Mistral 7B, Redis, Docker**

2025

- AI grading pipeline (OCR → Mistral 7B → semantic scoring) achieving **~85% accuracy match** to human graders, reducing manual grading time by **~80%**.

## EDUCATION

### Hochschule Karlsruhe (HKA) — Erasmus+ Exchange

Mar 2025 — Aug 2025

*Computer Science (Exchange Semester)*

*Karlsruhe, Germany*

- Coursework: Agile Management, Machine Learning, AI in Daily Life, German Language & Culture.

### Istanbul Kultur University — B.Sc. Computer Engineering

2022 — 2026

*Capstone: RAG Pipeline Evaluation (IEEE paper) · Advisor: Prof. Dr. Akhan Akbulut*

*Istanbul, Turkey*