

Maede Jalali

AI Product Engineer

Tehran

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ABOUT ME

Software engineer with 5+ years of experience in **AI product development** and Android engineering. I build intelligent systems that connect user intent with real-world data, with a strong record of leading **AI agentic solutions** from idea to production. I thrive in fast-paced, collaborative environments where innovation and technical depth matter.

EXPERIENCE

Sindibad, Dubai — AI Product Engineer

Apr 2024 - PRESENT

Spearheaded the design and development of a **Travel AI Assistant** from scratch, combining backend architecture, generative AI, and real-time data tools into a seamless user experience.

- **LLM Systems Design:** Built an AI-powered conversational travel agent using **OpenAI GPT**, **LangChain**, and **LangGraph** to support complex user workflows through multi-step reasoning.
- Integrated text and audio messaging with OpenAI function-calling tools, **voice-to-text**, and **vision** models for passport parsing (including Azure AI services).
- **Backend Infrastructure:** Developed a robust backend in async **Python/Django** end achieving **5x** faster performance over the prototype while supporting complex multimodal user interactions.
- **Frontend Development:** Built the AI Assistant's frontend using **Next.js** and **React**, delivering a smooth and interactive

SKILLS

- **AI & Backend:** Python, Django, OpenAI APIs, AI Agents, LangChain, LangGraph, RAG systems
- **Android Development:** Kotlin, MVVM/MVP, Coroutines, Jetpack, Compose, Crashlytics, Amplitude
- **General Tools:** Git, RESTful APIs, Testing Frameworks, Agile Workflows

PROJECTS

AI Travel Telegram Bot

- Designed and developed a **Telegram bot** that provides a complete AI-driven experience for booking flights and hotels.
- Integrated OpenAI-powered agents to handle user queries, plan trips, and finalize bookings end-to-end.

user interface.

- **RAG Implementation:** Designed a Retrieval-Augmented Generation (RAG) pipeline, integrating custom datasets and live data sources to boost answer accuracy.
- **Agent Tooling & Evaluation:** Engineered tools for dynamic trip planning, search enhancement, and business data retrieval; implemented an evaluation framework for iterative tuning.
- **Team Leadership:** Led the end-to-end product development lifecycle, including roadmap planning, architecture design, and team coordination.

Alibaba Travels, Tehran — *Android Developer*

Apr 2022 - PRESENT

Alibaba is the largest Iranian company to provide customers with online travel services for booking airline tickets and hotel rooms.

- **Rapid MVP Development:** Collaborated with a small team to launch a hotel booking MVP, supporting rapid go-to-market while maintaining flight booking features.
- **Growth Initiatives:** Drove a **20% conversion boost** by redesigning critical pages in the flight booking funnel.
- **App Reliability:** Ensured **99.8%** crash-free sessions across **1M+** users; maintained a **4.6** Play Store rating.
- **Testing & Localization:** Built unit test infrastructure; implemented bi-directional Arabic/English UI support.

Miare, Tehran — *Android Developer*

Dec 2020 - Apr 2022

Miare is Iran's premier on-demand delivery platform.

- **Event-Driven System:** Improved communication and reliability of socket-based features through architectural updates.
- **Support Load Reduction:** Designed user-focused support enhancements, cutting customer support requests by **35%**.
- **App Refactor:** Re-architected core components of the courier app and improved delivery efficiency by **15%**.

- Enhanced accessibility for users preferring chat-based interfaces over apps or websites.

IoT & Smart Systems:

Developed Android-based applications to control smart home environments and critical infrastructure, including:

- A smart controller app for managing home devices via mobile.
- An airport apron lighting control system improving operational safety.

LANGUAGES

- *English:* Fluent
- *Persian:* Native

EDUCATION

University of Kashan, Kashan — *B.S*

Sep 2019 - Apr 2022

Bachelor of Computer Science