

Igal Babushkin

SUMMARY

Permanent Resident, currently seeking new opportunities after recently transitioning to the U.S. job market.

AI-focused full-stack developer with a track record of delivering **production-ready systems**, including a **VLM** file reader for structured data extraction from multilingual documents. Specialized in **multimodal AI workflows** for document understanding, data extraction, and automation.

Built and deployed **LLM-based** chatbots using **RAG** and **vector search**. Experienced with tools like **OpenAI APIs**, **Tesseract**, **LangChain** and **FAISS**, focused on real-world impact through efficient, AI-driven solutions.

PROFESSIONAL EXPERIENCE

Full Stack Leader | SimpleTax (2023 - Present)

Key Projects & Achievements:

- VLM-powered file reader: Extracts structured data from tax documents in multiple foreign languages using multimodal AI.
- LLM-based AI chatbot: Implements RAG and vector search to automate user support and handle complex tax queries.
- Led the front-end team, improving code quality, enforcing best practices, and optimizing team workflows.
- Boosted platform performance by 40% through strategic API refactoring, lazy loading, and precise data queries.

Full Stack Developer | KeyLabs (2022 - 2023)

- Designed and managed the server's authentication system.
- Built and maintained type-safe React components using **TypeScript**, enhancing code reliability and frontend scalability.

Backend Developer | HyperGuest (2022)

- Built and optimized backend services for a fast-growing hospitality marketplace.
- Partnered with cross-functional teams and external companies to deliver seamless integrations and new features.

TECHNICAL SKILLS

- Programming Languages: **JavaScript, TypeScript, Python, C#, PHP**
- Frontend: **Vue.js, Nuxt.js, React, HTML, CSS, Sass, Puppeteer, Dockerized**
- Backend: **.NET, Node.js, Express.js, PHP, Dockerized microservices**
- Databases: **SQL, MySQL, MongoDB**
- AI: **VLMs, LLMs, RAG, vector search, LangChain, OCR, document parsing, AI chatbot**,
- DevOps & Tools: **Docker, Git, CI/CD, Linux, Windows**

EDUCATION

- B.Sc. in Computer Science** | Ben-Gurion University
- Active in student leadership: Member of the student committee and organizer of community initiatives.
- Founded & led EA Sports gaming team, fostering teamwork & strategy.

LANGUAGES

- English: fluent
- Hebrew: Native
- Russian: Proficient