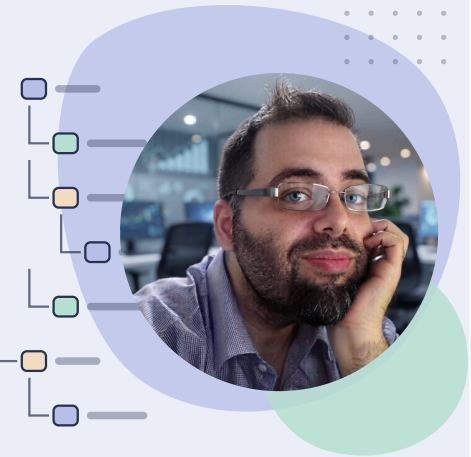


Baruch Mustakis



Building reliable systems for a better tomorrow

SENIOR FRONTEND ENGINEER

Frontend Architecture & Technical Leadership

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 10+ years of professional experience, 8 of them at Pic-Time, a SaaS platform for photographers, preceded by independent software projects and teaching programming. Specializes in Vue and TypeScript architecture and shared infrastructure. B.Sc. in Mathematics with honors.

WORK EXPERIENCE

Nov 2018 – Present

Senior Frontend Engineer | Pic-Time

For years the primary frontend developer of the company's client-facing production platform.

ARCHITECTURE AND TECHNICAL LEADERSHIP

- Identify architectural limitations in existing code, then design and deliver refactors after approval – e.g. turning feature-specific code (slideshows, AI search) into shared layers reused across the product.
- Refactored a monolithic product-page app into 4 shared composables and per-product modules: the main file shrank by 61%, and a new product type was later added with only 28 lines of wiring.
- Made previously unindexed embedded blogs indexable on customers' own domains by migrating them from iframes to Web Components, after validating the approach with an SEO test.
- Championed Vue in the framework evaluation and introduced it into a legacy jQuery platform, building new modules and features embedded within the existing system.
- Traced hard-to-find issues across system boundaries to their root cause – including other teams' code, the server or the data – often at colleagues' request.

SYSTEMS BUILT

- Built and own core product systems:
  - **Media infrastructure:** Slideshow and video players, and embeddable blog pages built on the same slide engine
  - **Authentication:** Multi-step login with 4 sign-in methods (email, Google, Facebook, Apple) and two-factor via SMS, WhatsApp or email
  - **E-commerce:** The shop framework, including a rewrite of its core logic, and an in-gallery ads engine
  - **Embeddable storefront:** "Art galleries", an e-commerce app for Wix and Squarespace sites

TECHNICAL SKILLS

Languages
TypeScript, JavaScript, HTML, CSS/SCSS

Frontend
Vue, Vue Router, Pinia, Vuex, vue-i18n; jQuery; familiarity with React and Angular

Data and APIs
REST, axios, TanStack Query, Protocol Buffers

Web platform
Web Components (Shadow DOM), Web Workers, Canvas, SVG

Tooling
Vite, webpack, Vitest, ESLint, Prettier, Stylelint, Git

AI workflows
Authoring custom skills and project rules; spec-driven development; MCP server integration

Also
Python, PHP, C/C++; familiarity with Java and ASP.NET (C#)

COMMUNITY

Volunteering
Yedidim and food-rescue organizations

Fresh.co.il
Long-time moderator of several forums, mainly linguistics, Jewish studies and general discussion; wrote an online Latin course, published as a series of lessons in the linguistics forum

Salsa
Organized and assisted in teaching at "Media Noche", a community offering free salsa classes

Illustration
Founded the "Draw Me" Facebook group

INTERESTS

Guitar, cooking, DIY and home improvement

LANGUAGES

Hebrew – native
English – fluent

WORK EXPERIENCE

Nov 2015 – Nov 2018

Development and Training Team Lead | EqualWeb

Sole frontend developer of a web-accessibility product, built from the ground up; by 2018 it served over a million web pages across leading companies (Bank Hapoalim, Bezeq, Partner, ynet, Coca-Cola), government offices and municipalities.

- Led a team of 3–5 accessibility implementers who wrote client-specific code on top of the global product; trained and mentored new employees, and taught web accessibility to developers.
- Developed accessibility infrastructure for client websites, supporting screen readers and keyboard navigation: automatic DOM structure mapping, detection of content changes at runtime, and accessible complex widgets (datepickers, dialogs, menus, tabs).
- Created a WCAG-compliance monitoring system for client websites.
- Added text-to-speech, image analysis via the Cloud Vision API, and cross-browser visual filters.

Until 2015

Teaching

Private tutor in mathematics and physics, from high-school to university level; programming instructor for children and teenagers at "Interschool" (Sep 2013–Jun 2014): 5 courses, several dozen students.

EDUCATION

2011 – 2012

Coursework in Computer Science | Bar-Ilan University

Completion track for Mathematics graduates.

2006 – 2008

B.Sc. in Pure Mathematics, with honors | Bar-Ilan University

GPA 90+.

SELECTED PROJECTS

- **Doppler-effect simulator** – Vue, TypeScript and the Web Audio API, with real-time pitch shifting; extended from a tutorial by Radu Mariescu-Istodor, who reviewed it in a dedicated video.
- **ICMP tunnel in Python** – a TCP-like transport over ICMP, including congestion control.
- **Online-library book downloader**, based on reverse engineering of online library services.
- **Userscripts** fixing and extending third-party sites, including a set for the Fresh.co.il forum community (e.g. message-editor extensions) and development and QA helpers at Pic-Time.
- **AI-assisted projects** in Vue and TypeScript with a Cloudflare serverless backend: a gamified offline PWA for gifted-test preparation, a drawings catalog and a Chinese-vocabulary trainer.

Design / Build / Refine