Sayyed Jamal Ghasemi

Full-Stack Developer — AI Automation Architect

Born: 24 Aug 1985 (1364/5/24)

Marital status: Married — **Military service:** Completed

Location: Tehran, Iran

Email: jamal13647850@gmail.com

Phone: (+98) 912 411 8355

Website: jamalghasemi.com

LinkedIn	linkedin.com/in/jamal1364
Telegram	t.me/jamaldev
GitHub	github.com/jamal13647850
Instagram	instagram.com/jamal13647850



RESUME SUMMARY

I build systems — from enterprise web apps to AI automation pipelines that connect **sales, accounting, HR and operations**.

My path started with low-level programming and full-stack development. Today my focus is on agent architecture, system integration and business outcomes that show up in **speed, cost and conversion**.

You probably need me if:

- You have an online store and an legacy accounting system that don't talk to each other;
- Your hiring, support or reporting processes are manual;
- Your website or platform is slow, fragile or hard to maintain;
- You have a big idea that must quietly become a reliable product.

What I deliver: clean architecture, secure deployment, automation with human approval at sensitive steps, and measurable results.

Selected work: scalable online education, high-traffic platform optimisation, e-commerce and enterprise portals, bots and operational integrations.

SKILLS

HTML5	100%	**CSS3**	100%
JavaScript	100%	**React**	100%
NextJS	100%	**Astro.js**	100%
TypeScript	80%	**Node.js**	80%
Fastify	100%	**PHP / Laravel**	100%
Twig	100%	**Smarty**	100%
Tailwind CSS	100%	**MySQL**	100%
PostgreSQL	60%	**Redis**	100%
GraphQL	100%	**gRPC**	100%
RabbitMQ (Queue)	100%	**Docker**	100%
Nginx	100%	**Linux**	100%
Git	100%	**Webpack**	100%
WordPress Development	100%	**PrestaShop Development**	100%
WHMCS Development	100%	**Electron.js**	100%
Server Management	80%		

PROFESSIONAL EXPERIENCE

Freelance Software Development

Apr 2022 — Present

Full-Stack Developer — AI Automation Architect · Tehran (Remote / Technical Consultant)

Architecture, design and implementation of custom software systems; complex API integrations; smart automation pipelines with n8n and agentic systems; autonomous SEO and performance monitoring squads; server management and optimisation; critical bug fixing; and authoring software & AI development proposals for businesses.

Lingoage Online Language Academy

Mar 2022 — Mar 2024

IT Manager

Technical management of the academy's infrastructure and development team; led the integrated management platform (RBAC, real-time notifications, automation of 90%+ of placement-testing and notification processes) and development of the Lingoage and Lingomock education platforms.

Saba Pardazesh

Nov 2019 — Mar 2022

Senior Full-Stack Developer · Tehran

Frontend development of online payment systems (IPG); design and development of custom Gravity Forms plugins; implementation of banking and financial services/modules for diverse clients with Laravel and optimised PHP, plus WordPress plugin development. Also served as technical lead of the Visamondial platform during this period (Mar 2021 — Mar 2023).

Safir Gofteman Language Institute

Oct 2017 — Nov 2019

Senior Full-Stack Developer · Tehran

Engineering and redesign of the institute's core website systems; development of the online placement-test system and operation of infrastructure serving a very large online learner base; launch of the Safirmall e-commerce store and a Laravel-based integration system connecting the language institute with immigration agencies.

Abrestan (Knowledge-Based Company)

Nov 2016 — Sep 2017

Senior Full-Stack Developer · Tehran

Contributed to the design and development of the "Abrestan Online Accounting" platform — a multi-tenant SaaS for online business accounting featuring multi-tenant architecture, financial transaction management, general/subsidiary ledgers and real-time financial reporting; helped launch payment services (utility bills), fax delivery and hosting sales systems.

Saina Pardazesh Dornika

Jan 2013 — Oct 2016

Full-Stack Developer · Tehran

Development of news portals, custom content-management systems and government/corporate portals using layered PHP architecture, MySQL and the Smarty template engine with vanilla JavaScript.

EDUCATION

B.Sc. Information Technology
Major: Software Engineering

Associate Degree, IT
Major: Software Engineering

High-School Diploma
Mathematics & Physics

Languages

English — Reading · English — Writing · English — Speaking · English — Listening · Persian — Native

PROJECTS

Autokhosravani — Automotive Services Platform

Automotive platform: sales, after-sales service, spare parts, consulting and tuning + car listing for brand-new and used vehicles with cash & instalment purchase

Role: Senior Full-Stack Developer & Theme Architect (Theme v8)

https://autokhosravani.com

Key Technologies

WordPress 6.4+ | PHP 8.0+ | ACF Pro | Twig (wp-helpers) | Tailwind CSS 4 | Alpine.js 3 | HTMX 2 | esbuild / PostCSS | WebP/AVIF

Highlights & Achievements

- Clean Architecture with SOLID principles and the DataProvider pattern; **150+ modular PHP files** with full documentation (developer guide, API reference, form specs)
- **Interactive Iran map with 31 provinces** and a dealership filtering system plus 4 navigation services (Google Maps, Waze, Neshan, Balad)
- Automotive listing with a dedicated Service Layer: FilterService (parses filter state into WP_Query args) and URLGenerator (**SEO-friendly filter URLs** for price/year/mileage/stock/instalment and sorting)
- Custom database indexes for fast filtering and sorting (idx_car_price, idx_car_km, idx_car_stock, idx_car_installment) plus car-query caching
- Built **data-migration plugins** for the legacy site: export plugin (ZIP with JSON, CSV and image list) and import plugin with automatic legacy-to-ACF field mapping and WebP image conversion
- **WCAG 2.1 AA** accessibility, Persian Kalameh typography with full RTL, asset optimisation (minify, lazy-load)

Key Results

- Complete car-data migration from the legacy site with no data or SEO loss
- Scalable, documented infrastructure for a nationwide dealership network and future team development

Autokhosravani Car Listing (/cars section)

Online marketplace for brand-new and used cars with cash & instalment purchasing

Role: Senior Full-Stack Developer & Custom Theme Designer

https://autokhosravani.com/cars

Key Technologies

WordPress | PHP | Twig | Tailwind CSS | Alpine.js | Custom WP_Query | MySQL Custom Indexes | Redis Cache

Highlights & Achievements

- Dedicated Service Layer architecture for car queries: FilterService (parses filter state from requests and builds WP_Query arguments) and URLGenerator (**SEO-friendly URLs** generated from filter state)
- Combined filters — price range, year, mileage, stock status, instalment — plus sorting (price_asc, etc.) via query parameters
- Custom database indexes for performance: **idx_car_price, idx_car_km, idx_car_stock, idx_car_installment**
- **Data-migration plugins** for the legacy site: export plugin (ZIP output with JSON, CSV and image list) and import plugin with legacy-to-ACF field mapping and **automatic WebP image conversion**

Key Results

- Fast, reliable search and filtering for thousands of car listings with indexable URLs for SEO

Calin Dairy Factory Website

Project: "Calin"

Role: Full-Stack Web Developer at Calin

https://calindairy.com

Key Technologies

HTML5, CSS3, JavaScript (ES6+) | PHP (WordPress) | MySQL

Highlights & Achievements

- Implementation from Figma graphic designs; creative UI and responsive UX in close collaboration with the factory's graphics team
- Key sections: news & articles (blog), contact and dealership-application forms, mailing-list integration
- HTML/CSS/image optimisation for fast loading and reduced load time
- On-page SEO (metadata, XML sitemap, internal linking)
- **Top Google rankings** for dairy-industry keywords — even against competitors with long online histories — through close SEO teamwork

Key Results

- Markedly better UX and longer visitor sessions; significant organic-ranking and targeted-traffic growth
- Noticeably lower bounce rate and more dealership applications and factory contacts

Calin HR — ATS Frontend Demo

Integrated recruitment, hiring and HR management platform

Role: Senior Full-Stack Developer (Frontend Architect)

https://calin-hr-frontend.vercel.app

Key Technologies

React 19 | TypeScript 5.9 | Vite (rolldown-vite) | MUI 7 + Emotion (RTL) | TanStack Query / Table | React Hook Form | Zustand | Axios | FullCalendar | ECharts | Jalali date-picker

Highlights & Achievements

- Designed and built a modular enterprise SPA covering the full recruitment lifecycle: **recruitment requests, job resume management, interview process, personnel files, documents and activities**
- Full Persian RTL support with MUI + stylis-plugin-rtl and the custom Kalameh font; **Jalali (Persian) calendar** across all forms and reports
- JWT authentication with access/refresh tokens and **automatic request queuing** on token expiry (401) plus smart retry (409)
- Bundle optimisation with code splitting (separate echarts/react chunks) and route-level lazy loading; ECharts dashboards and advanced TanStack tables
- Deployed on Vercel with SPA fallback, same-origin API proxy and immutable asset caching

Key Results

- Unified the whole HR cycle (recruitment to personnel files) in one interface, reducing reliance on manual processes
- Modular architecture ready for future modules: recruitment reporting dashboards, evaluation criteria and org charts

Anbar Panir Online Shop

Online delicatessen & specialty-cheese store

Role: Full-Stack Developer

anbarpanir.com

Key Technologies

WordPress | WooCommerce | PHP | MySQL | Performance & SEO

Highlights & Achievements

- Custom WooCommerce store focused on a smooth mobile and desktop shopping experience
- Product-page and checkout optimisation; on-page SEO and semantic HTML structure

Revita Physiotherapy — Integrated Clinic Platform

Role: Software Engineer & Full-Stack Developer

https://revitaphysiotherapy.com

A comprehensive modern web platform for the Revita specialised physiotherapy & rehabilitation clinic, delivering the clinic's multi-purpose services — treatment, fitness club and health café — in one attractive, unified interface. Architecture focused on business-process automation (appointment booking and lead management) with a technical target of 90+ PageSpeed performance.

Technical Details & Achievements

- Designed and coded a **fully custom WordPress theme**, completely removing dependency on heavy page builders and redundant code
- Backend with **PHP 8.x + Twig** to separate logic from presentation, improving readability and maintainability
- Modern responsive UI with HTML5, TailwindCSS/Sass and Alpine.js/vanilla JS for the fastest possible user experience
- Custom Post Types for treatment services, club programmes and health-café menu items
- Speed optimisation: modern image formats (WebP) and resource compression in Nginx/Linux server configuration

Lingoage Online Language Institute

Project: "Lingoage" — fully online language institute

Role: Full-Stack Web Developer at Lingoage

https://lingoage.com

Key Technologies

HTML5, CSS3, JavaScript (ES6+), Ajax | PHP (WordPress) | MySQL | Git | Email / SMS Gateway for automated notifications

Highlights & Achievements

- Custom implementation from Figma designs with no ready-made templates; fully responsive UI optimised for mobile and desktop
- Registration and class management: course, level, capacity and academic-calendar definitions
- Performance optimisation earning **>90** in Google PageSpeed Insights

Results

- Eliminated all in-person requirements and cut infrastructure costs
- **100% automation** of registration, payment and notification processes
- Consistent UX, higher student satisfaction, significant enrolment growth and improved user retention

GymLand — Sports Equipment Store

Role: Full-Stack Web Developer at GymLand

https://gymland.co

Key Technologies

HTML5, CSS3, JavaScript (ES6+) | PHP (WordPress) | MySQL

Highlights & Achievements

- 100% implementation from Figma designs, matching every micro-pattern and the client's visual and functional requirements
- Responsive design for a uniform experience on mobile and desktop
- Speed optimisation earning **>90** in Google PageSpeed Insights; on-page SEO applied

Key Results

- Full client satisfaction through exact design fidelity and excellent UX
- Visibly faster loads and lower bounce rate; targeted-traffic growth and higher visitor-to-buyer conversion
- Stronger Google search position in the online sports-equipment market

BehiranPC — Computer Peripherals Wholesale

B2B wholesale platform for computer accessories and peripherals

Role: Full-Stack Developer

behiranpc.com · behiranpc.ir

Key Technologies

WordPress | WooCommerce | PHP | MySQL | B2B Wholesale

Highlights & Achievements

- Wholesale-distribution site focused on high-volume product catalogues and simple reseller ordering
- Dual-domain structure (behiranpc.com / behiranpc.ir) with technical SEO optimisation

Leonard Shop — Women's Style Store

Online fashion & women's style store with quality guarantee

Role: Full-Stack Developer

leonardshop.ir

Key Technologies

WordPress | WooCommerce | PHP | MySQL

Highlights & Achievements

- E-commerce implementation with a distinctive visual layout aligned with the brand identity
- Optimised product-gallery loading and a smooth purchase flow

Khalaghiat Podcast Platform

Project: "Khalaghiat Media"

Role: Web Developer (Frontend & Backend) — Freelancer at Web 24

https://khalaghiat.media

Key Technologies

HTML5, CSS3, JavaScript (ES6+) | PHP | MySQL | Git | Twig | AlpineJS | Tailwind | HTMX

Highlights & Achievements

- **100% custom coding** from Figma designs — no ready-made templates or Elementor/Hello plugins
- Complete manual code optimisation with no caching or CDN assistance, scoring **90+** in PageSpeed Insights and Google Lighthouse
- Built a mechanism preventing podcast/audio content downloads on the client side
- Smart resume-playback system: automatic save of the stopping position on the server and continuation from the last point on any device or browser
- Continuous coordination with the design team for exact fidelity to graphic designs and UX
- Full documentation of the development process and handover to the support team

Results

- Faster page loads and higher user satisfaction; improved Google search ranking
- Higher user return rate thanks to a unified playback experience and audio-content protection

Visamondial — Immigration Services Website

Engagement period: Mar 2021 — Mar 2023

Role: Senior Full-Stack Developer & Technical Lead of the whole system

https://www.visamondial.com

Key Technologies

Backend: WordPress Core (PHP + custom plugins), MySQL | Frontend: HTML5, CSS3, JavaScript (jQuery) | Server: Nginx + PHP-FPM | Caching: Redis, Varnish Cache | Git | CDN: Cloudflare

Highlights & Achievements

- Full review of the existing WordPress architecture and code to identify performance bottlenecks
- Rewrote and optimised heavy database queries and admin-panel post-save routines
- Multi-layer caching (Redis object cache + Varnish page cache) for dramatically faster response times
- Nginx tuning (gzip/Brotli, HTTP/2) and PHP-FPM performance work (frontend and WooCommerce)
- CSS/JS minify & bundle, image lazy-loading and preload of critical resources for a faster first paint
- Real-time monitoring (CPU, memory, response time) with automated alerts
- Secure core/plugin updates, vulnerability fixes and a regular backup mechanism
- Guaranteed **99.9% uptime** throughout the engagement, even at traffic peaks

Key Results

- Average page load cut from **8+ seconds to under 2 seconds**
- PageSpeed raised to **95+ desktop / 90+ mobile**
- **150% growth** in organic traffic and a major ranking improvement
- **80% growth** in online revenue and server maintenance costs reduced by **40%**
- A smooth, trustworthy user experience that became the company's competitive edge

Safir Language Institute — Main Website

Official website of Safir Gofteman Language Institute

Role: Full-Stack Developer

gosafir.com

Key Technologies

PHP | MySQL | WordPress | SEO

Highlights & Achievements

- Developed and maintained the institute's official website with courses, news and registration sections
- SEO and content-structure optimisation for organic acquisition

LingoMock — IELTS Mock-Test Platform

Role: Full-Stack Web Developer at Lingoage

https://lingomock.com

Key Technologies

PHP (WordPress) | MySQL, Redis (caching & scheduling store) | Git | Docker, Nginx for deployment & scalability

Highlights & Achievements

- Fully custom UI and exam logic built on IELTS educational standards
- Multiple question types: MCQ and matching, fill-in-the-blank and short answer, writing with file upload and auto-save, listening and speaking simulation
- Exact per-section timing mirroring the real IELTS exam: real-time timer and automatic section-end control
- Remote exam-taking without in-person visits: user authentication and pre-exam validation
- Admin panel for the question bank, exam scheduling, real-time reports and statistical analysis
- Server and client performance tuning for thousands of concurrent users via caching and query optimisation

Key Results

- Enabled at-home mock IELTS exams for **5,000+ users** with no extra load on in-person infrastructure
- Timing precision improved and human scheduling error reduced to under 1 second
- **70% growth** in learner participation thanks to easy access and a unified experience
- Better educational quality via per-user performance and weakness reports

Alishver Online Shop

Role: Web Developer (Frontend & Backend) at Web 24

https://alishver.com

Key Technologies

HTML5, CSS3, JavaScript (ES6+) | PHP | MySQL | Git

Highlights & Achievements

- 100% custom coding from Figma designs — no ready-made template or Hello Elementor
- Manual optimisation of every site component without a CDN, per Google PageSpeed: **score of 100 in all metrics on desktop**; 100 in three metrics and above 90 in the fourth on mobile
- SEO principles applied to HTML structure, metadata and internal linking
- Continuous coordination with the UX/UI team for exact design fidelity and a faster feedback cycle

Key Results

- Extremely fast page loads and a smooth user experience; higher customer satisfaction and return rate
- Significant improvement in conversion rate and project revenue

Calin Telegram Bot

Project: "CalinDairyBot" — Telegram bot for Calin Dairy

Role: Back-End / Bot Developer at Calin

https://t.me/CalindairyBot

Key Technologies

PHP (Laravel) / Node.js (Telegraf) | MySQL | Git | Linux server | Internal RESTful APIs for product & article data

Highlights & Achievements

- Complete custom bot logic; online sending/receiving of messages: text, product photos and links
- Key modules: full product information (name, image, features, price), subscribe/unsubscribe for periodic notifications, latest blog articles with direct links, step-by-step bot usage guide
- Conversation-flow UX with inline-keyboard menus
- CMS integration for real-time information sync
- Error handling, rate limiting and simple authentication for VIP users

Key Results

- **50% reduction** in support-call volume by automating FAQ responses
- **30% increase** in survey participation and instant feedback
- Improved customer satisfaction and stronger brand engagement and subscription growth on Telegram

Lingoage Integrated Management System

Role: Full-Stack Web Developer at Lingoage

https://panel.lingoage.com

Key Technologies

Backend: PHP (Laravel) | Frontend: JavaScript (ES6+), NextJS, AstroJS / Ajax | MySQL, Redis (Cache/Session) | Git | Docker, Nginx, Linux | Third-party SMS/Email gateway integration

Key Modules

- Role-based access control (RBAC) for administrators and instructors
- Real-time notification system for platform alerts

Key Results

- Automated **90%+** of placement-testing and notification processes; large reduction in administrative workload and faster results delivery
- Higher instructor and learner satisfaction
- Improved stability and scalability via microservices and Docker

Cafe Dentist

Role: Senior Full-Stack Developer & Custom WordPress Theme Designer

https://cafedentist.com

Key Technologies

WordPress Core + fully custom theme/plugins | Twig | AlpineJS, HTMX, Tailwind CSS, PostCSS | PHP 8.4, WP REST API, MySQL | Redis Object Cache, Lazy-Load, Preload/Critical CSS | Nginx, Cloudflare CDN

Highlights & Achievements

- Complete theme rewrite on Twig to separate display logic from PHP and speed up development
- Lightweight AlpineJS + HTMX interactions without SPA, with minimal DOM refresh
- HTML/CSS/JS output optimisation: minify, bundle and dead-code removal
- Multi-layer caching: Redis object cache for database queries and Cloudflare page cache for high-traffic pages
- Lazy-loading of images and videos; WebP and responsive sizes for all elements
- Nginx tuning for HTTP/2, Brotli compression and preload of critical resources

Key Results

- Homepage load reduced from **4.2s to under 1.1s** (Lighthouse Performance: **98+**)
- Lighthouse SEO improved from **82 to 94**; bounce rate cut from **56% to 32%**
- Simple, flexible admin panel for the content team with minimal developer dependency; **99.9% uptime** under high traffic

OTHER PROJECTS

Abrestan Online Accounting
Web-based multi-tenant SaaS accounting software
kasb.abrestan.com

Ava Immigration Institute
Immigration-institute website
avamohajerat.com

Safir Institute Main Site
Language-institute main website
gosafir.com

Vav News Magazine
Online news magazine
evav.ir

Yeganeh Mehr Aramesh
Nursing-services company website
yeganehmehr.com

Sadeghi Concrete Parts
Corporate website
sadeghimosaic.ir

Fakhteh News Magazine
Online news magazine
fakhtehmag.com

Farsiz Online Translation
Online translation system
farsiz.com

Dr. Alireza Mojahedi
Personal website
alirezamojahedi.com