

Ermia Bina

Tehran, Iran

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Backend engineer with 5+ years in PHP and Laravel, strongest in the database and queue layer: schema design, migrations, async jobs and query optimization. Main developer and sole merge-request approver on a custom news CMS whose sites hold 3M+ article archives and serve 12M+ views a day. Redesigning a live cryptocurrency exchange's schema and migrated its full legacy dataset with no data loss, then helped take the platform from Laravel 8 to Laravel 12 one major version at a time. Also builds front ends in React/Next.js and Vue/Nuxt when a project needs them.

Core Competencies

- **Backend:** PHP, Laravel, REST API design and versioning, queues and async jobs, OOP, MVC, design patterns.
- **Data:** MySQL schema design, indexing and query optimization; Redis for caching and queue backends; large-scale data migration.
- **Frontend:** React, Next.js, Vue.js, Nuxt.js, TypeScript, TailwindCSS, SASS, Bootstrap, server-side rendering.
- **Infrastructure:** Linux, Nginx, Docker, Git, CI/CD, SSH, production debugging.
- **Practices:** PHPUnit, code review and merge-request ownership, Git workflow, staged legacy migration on live systems.

Professional Experience

- **Aasaam Co. (XCMS, media platform)** **Tehran, Iran**
2024–Present
 - Senior Full-Stack Developer
 - Main developer on XCMS, a custom PHP news CMS used by large media organisations; writes most of the code and is the only approver of merge requests into it.
 - Sites running on it hold article archives past 3 million and serve more than 12 million views a day.
 - Maintains the versioned APIs the newsrooms' mobile apps depend on, where breaking changes are not an option.
 - Owns the MySQL layer – schema, indexes and queries keeping large archives fast to read – with Redis caching in front of the heaviest paths.
 - On call for production incidents: debugs live issues, traces root causes, ships fixes.
 - Built server-rendered front ends for client publications in Vue and Nuxt; runs services in Docker.
- **Kifpool Co. (Cryptocurrency Exchange)** **Tehran, Iran**
2025–Present
 - Laravel Developer (Part-time)
 - Spent six months refactoring the platform's database: redesigned the schema, corrected data types that were wrong from the start, and migrated the full legacy dataset to the new structure with nothing lost.
 - Part of a six-person team that took the platform from Laravel 8 to Laravel 12 one major version at a time rather than one jump, finishing in under a week with every dependency brought up to date.
 - Services stayed up throughout: new transactions were paused for a single 3.5-hour window, the only interruption users saw.
 - Built the notification system – email, SMS and push – dispatched onto Redis queues so nothing blocks the request cycle.
 - Wrote PHPUnit tests over the core exchange logic ahead of the upgrade to catch regressions across four major versions.
 - Platform serves over 1 million monthly active users, so every change has to hold under real load.
- **Oxygram Co.** **Tehran, Iran**
2025–Present
 - Founder (Side venture)
 - Runs a small studio building web platforms and digital services for clients, owning the technical side from requirements discovery through to production.
- **Tejiran Co.** **Tehran, Iran**
2023–2024
 - Full-Stack Developer

- Built and maintained internal web systems for an automotive-sector company, largely replacing manual processes.
- Primary deliverable was a Laravel admin panel covering roles and permissions, production planning, equipment calibration and periodic testing, corrective and preventive actions, contracts, and performance-tracking charts.
- Designed the MySQL schema behind it and wrote the reporting queries feeding the charts.

- **Pendar Information Technology** **Semnan, Iran**
Full-Stack Developer *2021–2023*
 - Full-stack work on client web platforms in Laravel and Next.js.
 - Main developer on Wikitop, a public polling site where users vote across topics and watch results update live.
- **Semnan University** **Semnan, Iran**
Head Teaching Assistant *2022–2023*
 - Taught and assisted on two undergraduate courses: System Analysis and Design, and Programming Basics and Principles. Prepared material, ran sessions, marked student work.

Selected Projects

- **Jib.store**
Cross-Border Payments Platform *2025–Present*
 - Live platform giving Iranian users a way to pay for things abroad: gift cards, in-game purchases, topping up international accounts.
 - Payment gateways written as swappable drivers, so adding a provider does not mean touching the rest of the code; three are wired up.
 - Laravel API backend, Next.js and React frontend, CI/CD pipeline for deploys. Scores above 96 on Lighthouse in production.
- **Darvaze**
Open Source Laravel Package
 Laravel package for access control lists: roles, permissions and policy binding. Published on GitHub.
- **Payhubix**
Crypto Payment Plugins *2024*
 Four plugins for taking crypto payments – WooCommerce, Easy Digital Downloads, Paid Memberships Pro and WHMCS – over a shared gateway, each fitting a different plugin structure and payment lifecycle.
- **Metaland.shop**
Laravel E-commerce Site *2026–Present*
 Live Laravel shop site with a product variant system and a CI/CD pipeline for deploys.

Education

- **Semnan University** **Semnan, Iran**
BSc in Computer Engineering *2019–2023*
 Key topics: system analysis and design, programming basics and principles.

Certifications

- **Web Applications for Everybody** (Specialization) – University of Michigan via Coursera, 2022. PHP web applications, SQL, database-driven PHP, JavaScript with jQuery and JSON.
- **Task-Oriented Course in Linux** – Quera, 2022.

Languages

- Persian (native), English (B2, upper intermediate).

References

- Available upon request.