

Mahyar Iranibazaz

Senior Software Engineer | Full-Stack Development

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SUMMARY

Full-stack software engineer with 10+ years of experience designing, building, and scaling high-performance web applications across diverse industries. Proficient in PHP, JavaScript and modern frameworks and technologies, with strong expertise in cloud infrastructure, CI/CD automation, and system optimization. Experienced in leading teams and modernizing legacy systems to deliver secure, scalable solutions. Passionate about clean architecture, developer efficiency, and leveraging technology to drive meaningful, lasting impact.

EXPERIENCE



Principal Software Engineer

BlueCloud

📅 11/2023 - Present 📍 Tampa, United States

- Led a 10-member team maintaining and enhancing a large PHP monolith with supporting microservices in Elixir (Phoenix) and TypeScript (Express.js).
- Integrated major APIs for shipping, carrier, insurance, e-commerce, payments and tracking.
- Improved application performance by 40% via Redis caching, CDN, FrankenPHP, and query optimization techniques.
- Reduced AWS infrastructure costs by 70% by building automated Docker-based Staging/UAT environments with CI/CD pipelines.
- Implemented 2FA and key security measures, strengthening user protection.
- Mentored developers and drove architectural improvements across services.



Senior Software Engineer

MetaProvide

📅 07/2024 - Present 📍 Stockholm, Sweden

- Architected HejBit, a decentralized storage platform on EthSwarm network.
- Built a NestJS REST API with stateless authentication and client-side end-to-end encryption hybrid encryption with under 10ms response time.
- Built a Nextcloud plugin in PHP, TypeScript, and Vue, enabling external storage definition and secure file sharing.
- Created Laravel and Filament-based admin and Stripe billing portal supporting users, ticketing, and API access management.
- Implemented queues and schedules for automated nodes operations.
- Deployed containerized infrastructure with Docker, Caddy, and GitHub Actions, enabling zero-downtime delivery.



Senior Software Engineer

BookACamp

📅 12/2023 - 05/2024 📍 Berlin, Germany

- Maintained booking and invoicing systems for Europe-wide youth camps, integrating payments, group bookings, and customized PDFs generations.
- Optimized workflows with custom booking logic, data exports, and GDPR-compliant security.
- Improved backend performance and reliability, enhancing user experience.



Senior Software Engineer Backend

App-Room

📅 03/2022 - 05/2023 📍 Aargau, Switzerland

- Developed the SPODAS API integrating Europe-wide sports suppliers, dealers, and manufacturers, enhancing system connectivity.
- Optimized MariaDB and MongoDB structures for high-volume data and faster queries.
- Containerized development with Docker, automated testing, and Agile collaboration.

SKILLS

Backend

PHP, Laravel, Livewire, SlimPHP, NodeJS, NestJS, ExpressJS, Python, FastAPI, Flask

Frontend

TypeScript, JavaScript, React, NextJS, Vue, NuxtJS, AlpineJS, jQuery, Vite, IntertiaJS, Redux, 11ty

DevOps

Linux, Bash, Docker, Ansible, Terraform, Pulumi, Vagrant, CI/CD Pipelines, AWS, GCP, Hetzner, Jenkins, Selenium, Git

Design

HTML, CSS, Tailwind, Bootstrap, NunJucks, Twig, Blade, Radix, Mantine

Database

MySQL, MariaDB, MongoDB, Postgres, SQLite, Redis, Firebase, Supabase, RabbitMQ, BullMQ, DynamoDB

Principals

Microservices, Serverless, Authentication, Validation, Broadcasting, Notifications, Search Engines, Caching, Queueing, Rate Limit, Localization, Optimization, Logging

EDUCATION

Master's in Bioinformatics

Tarbiat Modares University

📅 2019 - 2022 📍 Tehran, Iran

Bachelor's in Software Engineering

University of Science and Culture

📅 2017 - 2019 📍 Tehran, Iran

Associate's in Software Engineering

Shamsipour University

📅 2015 - 2017 📍 Tehran, Iran

OPEN SOURCE

PDBTools

A cutting-edge protein science tool using K-D Tree and algorithms to efficiently calculate solvent-accessible surface area with improved accuracy. Features include report generation for neighbors and critical residues, enhancing analysis versatility.

EXPERIENCE

Software Engineer

X-Port Services

04/2019 - 11/2022 Newark, United States

- Increased operational efficiency trucking and storage through a Laravel-based management system supporting users.
- Enhanced real-time communication by 30% for 50 dispatchers and drivers using WebSocket technology.
- Implemented live shipment tracking and customized notifications for customers, boosting transparency and client satisfaction.
- Streamlined warehousing via automated systems, handling 10k+ shipments monthly, reducing manual tasks significantly.

Full Stack Developer

AlpineShop

06/2017 - 03/2019 Tehran, Iran

- Built a Laravel and ReactJS e-commerce site with scalable product management system.
- Managed order processing and inventory tracking for 100+ daily active users, improving operational efficiency.
- Simplified shipping, delivery, and invoice workflows.
- Created a dynamic pricing engine to adapt to unstable market conditions.

Web Developer

Ponisha

09/2015 - 05/2017 Tehran, Iran

- Built responsive frontends using HTML, CSS, and JavaScript.
- Delivered tailored WordPress solutions with custom themes and CMS integrations.
- Collaborated closely with clients to translate branding goals into clean, modern web experiences.
- Ensured SEO-friendly, accessible, and fast-loading websites that enhanced online visibility.

LANGUAGES

English	
Persian	
Turkish	
German	
Portuguese	

HOBBIES

Photography
Astronomy
Hiking
Biking
Music
Dogs

FIND ME

LinkedIn	mahiaraini
GitHub	mahiarirani