MAJID JALILIAN

Senior Software Engineer / Backend Developer

Tehran, Iran · majidjalilian21@gmail.com
linkedin.com/in/majidjj · github.com/majidend

PROFILE

Results-driven Senior Software Engineer with nearly a decade of experience designing, architecting, and optimizing high-performance backend systems, e-commerce architectures, and distributed systems. Proven track record of leading technical teams, streamlining operational workflow efficiency, and delivering highly scalable distributed applications in on-site and remote environments.

EXPERIENCE

Jan 2026 – Present

Senior Software Engineer — *Takhfifan – Tehran, Iran (On-site)*

- Designed and optimized scalable backend services supporting a high-traffic e-commerce and cashback platform serving over one million daily active users.
- Developed automated data-driven pipelines to collect, transform, and analyze large volumes of operational and user-behavior data.
- Contributed to the strategic integration of ML-based backend approaches to support recommendation and operational optimization workflows.

Mar 2025 – Dec 2025

Software Engineer (Backend Systems) — *Idle Moon Labs – Remote*

- Designed and developed the backend architecture for a high-concurrency gaming platform, focusing on performance, horizontal scalability, and API reliability.
- Implemented core application logic and secure data management microservices using Node.js, ensuring efficient processing of high-volume game actions.
- Maintained complete lifecycle ownership—from high-level system design and integration testing to production deployment.
- Streamlined asset transactions by incorporating blockchain logic and distributed technologies to maximize systemic transparency.

Jun 2024 – Feb 2025

Nov 2023 – Feb 2024

Senior Software Engineer — *Karestan Javan – Tehran, Iran (On-site)*

- Architected and maintained critical services for *Abrisham*, a core enterprise insurance platform adopted by major national insurers, ensuring 99.99% uptime.
- Engineered and optimized backend modules to improve risk calculation speeds and streamline automated workflows.
- Optimized PHP-based background asynchronous workers and external API endpoints, reducing latency across systemic dependencies.

Aug 2021 – Oct 2023 **Technical Team Lead** *Partineh – Tehran, Iran (On-site)*

- Spearheaded technical development of a major e-commerce platform cataloging over 10,000 products, utilizing Laravel, FastAPI, and Docker.
- Designed a fully automated order processing flow that achieved a 35% reduction in operating costs.
- Introduced unified RESTful APIs and GraphQL endpoints, boosting front-end team integration velocity by 25%.
- Mentored junior and mid-level software engineers through structured pair programming sessions and thorough code reviews.

Oct 2019 – Aug 2021 **Software Engineer** *Partineh – Tehran, Iran (On-site)*

- Built secure, transactional backend database schemas and features using PHP and PostgreSQL.
- Collaborated with cross-functional teams to outline scalable database layouts and optimized API protocols.

Apr 2017 – Oct 2019 **PHP Developer** *Kelasend – Remote*

- Boosted site responsiveness and speed by 3.5x using custom caching logic, database query optimizations, and resource minification.
- Deployed Docker containers to containerize and orchestrate localized applications on a single domain.
- Built an updated customer onboarding system that reduced registration workflow friction by 50%.
- Integrated and debugged online payment structures, decreasing transaction overhead and payment processing fees by 10%.

EDUCATION

2020 – 2023 **M.S. in Computer Engineering (Software)** *Shahid Beheshti University – Tehran, Iran*

Specialized in Advanced Software Engineering concepts, modern system reliability, and testing methodologies.

2016 – 2020 **Bachelor of Science** *University of Tehran – Tehran, Iran*

TECHNICAL SKILLS

Languages	Python, Solidity, JavaScript (ES6+), PHP, Java, C++
Backend & Web	Node.js (Express), FastAPI, Flask, Laravel, GraphQL, REST APIs
Web3 & Database	EVM Smart Contracts, Hardhat, Gas Optimization, PostgreSQL, MySQL, MongoDB, Redis
Tools & DevOps	Docker, Git, Linux, CI/CD pipelines, Azure, Power BI

LANGUAGES

English	Fluent (Duolingo Score: 120 – Literacy: 120, Conversational: 125)
Persian	Native Proficiency