Geghayr Melkonyan

Senior Backend Engineer | PHP · Node.js · Go | Fintech & iGaming Systems

📍 Yerevan, Armenia   ✉ gexayrmelkonyan@gmail.com   📱 +374 93 11 37 20   💼 linkedin.com/in/gexayr   💻 github.com/Gexayr   🌐 gexayr.github.io

💬 Telegram: @gexayr

PROFILE

Senior Backend Engineer with 9+ years architecting high-performance fintech and iGaming systems serving 100k+ concurrent users. Specialized in building fault-tolerant microservices and payment integrations that process millions of transactions with 99.9% uptime. Expert in PHP (Laravel, Yii2) and Node.js with proven track record of optimizing system performance by 30-50% through strategic architecture decisions and CI/CD automation. Passionate about writing maintainable code and mentoring development teams.

CORE SKILLS

Expert:	PHP (Laravel, Yii2), MySQL, REST APIs, Git, Linux, Docker
Advanced:	Node.js, Redis, PostgreSQL, WebSockets, Microservices Architecture, GitLab CI/CD
Proficient:	React.js, Angular, Payment Gateway Integration (Stripe, PayPal), Message Queues, MongoDB
Additional:	HTML5, CSS3, WordPress, OpenCart, PHPUnit, Jest, Nginx, AWS basics

PROFESSIONAL EXPERIENCE

Senior Backend Engineer – SmartBet / ABC Lab
Jun 2021 – Present

- Architected and deployed high-traffic iGaming platform serving 100k+ concurrent players with 99.9% uptime during peak hours
- Built Dockerized microservices architecture with GitLab CI/CD pipelines, reducing deployment time by 50% and eliminating production errors
- Optimized API response times by 30% through database query optimization, Redis caching strategies, and efficient data structures
- Integrated multiple payment gateways (Stripe, local providers) handling $2M+ monthly transaction volume with fraud detection
- Mentored 3 junior developers on Laravel best practices, code reviews, and scalable architecture patterns

Backend Engineer – Ardshinbank
Aug 2020 – Jun 2021

- Led backend development for core banking modules (card management, loan processing, customer accounts) serving 500k+ users
- Integrated secure REST APIs with third-party financial services ensuring PCI DSS compliance and data encryption
- Modernized legacy Yii2 codebase, improving transaction processing speed by 40% and reducing system errors by 60%
- Implemented comprehensive logging and monitoring systems for real-time transaction tracking and fraud prevention

Backend Engineer – Globbing
Sep 2019 – Aug 2020

- Developed large-scale e-commerce platform using Laravel, processing 50k+ daily orders for international logistics operations
- Improved system uptime from 95% to 99.5% through database optimization and implementing robust error handling
- Built RESTful APIs for mobile app integration and third-party logistics provider connections

Software Developer – World of Duty
Aug 2018 – Jun 2019

- Built automated cryptocurrency trading bots using Node.js, executing 1000+ trades daily across multiple exchanges
- Developed real-time analytics dashboards with Angular and WebSockets for live market data visualization
- Enhanced data pipeline performance by 45% through optimized API polling and efficient data aggregation algorithms

Full-Stack Developer – Blessed Solutions
Dec 2016 – Aug 2018

- Delivered 15+ full-stack web projects using Laravel, Yii2, and WordPress for diverse client requirements
- Improved average client site performance by 35% through code optimization, caching, and CDN implementation

EDUCATION

B.Sc. in Information Systems Engineering – National University of Architecture and Construction of Armenia (NUACA) | *2007 – 2011*

LANGUAGES

English: B2 (Upper-Intermediate) | **Russian:** Native | **Armenian:** Native