

Georgi Simonyan



Senior Backend Engineer | Full-Stack Developer

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PROFESSIONAL SUMMARY

Energetic and highly analytical Software Engineer with over 12 years of experience in backend and full-stack web development. Proven track record of designing, building, and optimizing scalable web applications, robust database architectures, and secure state-level software systems (including international policing solutions). Strong academic background in Applied Mathematics and Computer Science. Skilled in provisioning bare-metal servers and engineering automated CI/CD pipelines, with hands-on experience deploying JS/Node.js applications.

EDUCATION

Russian-Armenian (Slavonic) State University	Diploma of Higher Education (5-year degree)
Applied Mathematics and Computer Science	Armenia, Yerevan • 2000 - 2007
Specialized in advanced mathematics, algorithms, and software engineering.	
https://rau.am	

EXPERIENCE

F_Aggregator	Cyprus
Lead Developer	2025-2026
• Provisioned and fully configured clean Linux/production servers from scratch, establishing secure, optimized, and production-ready hosting environments for Node.js applications. • Designed and implemented a robust CI/CD pipeline featuring automated staging and production release workflows, ensuring seamless, zero-downtime deployments. • Designed and documented high-performance RESTful APIs using Swagger (OpenAPI) standards, ensuring seamless integration for client-side applications. • Participated in the transition of legacy monolithic architecture toward scalable Microservices, improving system reliability and deployment flexibility.	
Lanar Service, Yerevan	Armenia, Yerevan
Back-End Developer	2022 – 2025
• Designed, developed, and maintained reliable backend architecture for large-scale CMS and data management systems. • Engineered database schemas and optimized complex queries in PostgreSQL, significantly improving data retrieval speeds. Utilized PHP, HTML/CSS, jQuery, and Bootstrap to deliver high-quality, responsive web solutions. https://lanar.am/	
CRM Consulting	Armenia, Yerevan
Back-End Developer	2020 – 2022
• Developed advanced CMS platforms and CRM data management software, focusing on performance, data integrity, and clean code structure. • Implemented complex business logic and integrated secure third-party APIs using PHP and PostgreSQL.	
CITY-S	Russia, Sochi
Full-Stack Developer	2016 – 2019
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Developed and scaled an information portal and custom CMS for Sochi city, managing placement and presentation of large datasets.

- Built dynamic, interactive user interfaces using PHP, Bootstrap, and jQuery, while ensuring efficient database design in MySQL.

Real Estate Information Center

Russia, Sochi

Team Lead / Lead Developer

2014 — 2016

- Led the development of a secure enterprise CMS system for real estate agencies, enabling agent management, personal accounts, and heavy data placement.
- Developed both frontend and backend modules from scratch using Java (SE), JSP/Servlets, jQuery, and MySQL.

Ministry of Internal Affairs / Yerevan Research Institute of Mathematical Machines

Armenia, Yerevan

Team Lead / Software Developer

2009 — 2013

- Led a development team to build and complete secure, high-risk web software for international policing (INTERPOL).
- Architected and developed police-grade software systems using Java (SE), JSP/Servlets, MySQL, and Oracle.
- Developed and launched the online platform for the Armenian Electronic Library.

PROJECTS

Personal Portfolio & Web Showcase Platform

- Designed and developed a personal multi-language web portfolio Implemented lightweight PHP-based templating and dynamic data structures (arrays) for clean page routing and modular content rendering.
- Created responsive front-end layout using HTML5, CSS3, and jQuery, ensuring seamless user experience across all mobile and desktop devices.

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SKILLS

</>Backend Development

PHP, Laravel, Java, JSP/Servlets, API Design, Microservices, Clean Architecture, SOLID

🗄️ Databases & Storage

PostgreSQL, MySQL, Oracle, Database Design, Query Optimization

📄Frontend & Tools

JavaScript (ES6+), jQuery, HTML5/CSS3, Bootstrap, Git, System Administration, AI development

🔗 APIs & AI Integration

EST API, Swagger, OpenAPI, AI API Integration (OpenAI/GPT)

LANGUAGES

Russian - Bilingual

Armenian - Native

English - Professional Working

PORTFOLIO

1. "ORTEZ" ORTHOSIS AND PROSTHESIS CENTER , 2. Health-inspired beauty , 3. Custom Website Development