

Ivan Firestone

SOFTWARE ARCHITECT

Technical Director and software engineering enthusiast with over 20 years of experience designing and developing efficient, scalable technology solutions aligned with business objectives. Specialized in translating complex technical concepts into clear, actionable strategies, combining technical excellence, critical thinking, and a results-driven approach to optimize systems and processes.

Work Experience	2025-actual	EPAM NEORIS Delivery Manager Master Software Developer • End-to-end management of technology initiatives, from planning through deployment. • Coordination of cross-functional teams, including business, development, QA, and infrastructure. • Implementation of Agile methodologies (Scrum, Kanban) with a focus on iterative delivery and continuous improvement. • Strong focus on operational efficiency, risk mitigation, and alignment with business objectives. • Design and implementation of scalable, secure, and highly available architectures, including microservices, event-driven systems, and cloud-native platforms. • Involvement across the full Software Development Life Cycle (SDLC), from discovery and design to automated testing, performance optimization, and CI/CD deployments. • Strategic decision-making and problem-solving in high-pressure environments.
	2024-2025	Oficina Gubernamental de Tecnologías de la Información y Comunicación (OGTIC) Director of Government Digital Architecture • Design, development, and implementation of architecture for technology projects and cross-government systems for the Dominican State. • Creation of systems that not only meet technical and functional requirements but also align with government strategies and address citizens' needs. • Development of systems integrating multiple key

pillars and enablers to ensure a robust, secure, and efficient technology infrastructure.

- Design of technology-neutral, agnostic, and open systems that preserve data sovereignty.

2021-2024

Oficina Gubernamental de Tecnologías de la Información y Comunicación (OGTIC)

Head of Platforms and Services Department

- Coordination of government software development projects.
- Oversight of the design, modeling, architecture, integration, and deployment of digital platforms for the Dominican State.
- Digital product design.
- API design and implementation.
- Scope definition and feasibility analysis for software development projects.
- Systems analysis and redesign of existing applications to improve user experience and platform scalability.
- Continuous improvement of existing platforms.

2022-2026

Universidad Eugenio María de Hostos (UNIREMHOS)

Computer Science Professor

- Computer Science Instructor, teaching Programming I, II, III, and Advanced Programming.
- Continuing education programs focused on software engineering fundamentals, logical thinking, and hands-on programming skills development.

2009-2021

PRONET, SRL

Technology Manager

- Cost-benefit analysis and ROI estimation to support project planning and execution.
- Design and development of internal applications for legacy systems using open-source platforms, including Java, PHP, Laravel Framework, Spring Boot, and Jasper Reports Server for reporting.
- Developed and delivered technical solutions to support day-to-day operations and long-term strategic planning for technology teams.
- Recommended technology upgrades and complementary solutions to enhance enterprise security.
- Designed and structured workflows using information engineering, data modeling, and structured analysis.

2004-2009

BEC TELECOM

Education		Senior Wireless Technician
		- Establish and update weekly work schedules to meet coverage demands, considering factors such as expected performance and service levels. - Design, deploy, and oversee the WiMAX network. - Implement daily operational procedures to maintain a healthy, reliable, and robust WAN network.
	2003-2004	JIC Technology IT Manager - Provided support for equipment leveraging the latest hardware, software, and networking technologies, as well as industry trends. - Delivered internal support and repairs for IT equipment. - Handled customer support and repair services. - Advised and planned short- and long-term IT system upgrade needs.
	2023	Ministry of Commerce People's Republic of China Seminar on Digital Transformation for Dominican Economic and Social Development.
	2021	Instituto de Comunicación Política (ICP) Big Data and Artificial Intelligence
	2021	Universidad Eugenio María de Hostos (UNIREMHOS) Bachelor's degree in computer systems
	2019	WinLiner Information Technology Co. LT (China) Electronic World Trade Alliance Expert Advisor
	2019	Ministry of Commerce People's Republic of China New Communications Technology and System Maintenance for Developing Countries.
	2018	Barna Management School Strategic Management
	2014	CRESTCOM Bullet Proof Manager Program
Training & Development	2000	Instituto Tecnológico de Santo Domingo (INTEC) Electronics and Telecommunications Engineering (NOT COMPLETED)
	2026	Software Development Project Methodology NEORIS – Global Campus
	2026	General Information Security Awareness v4.0

NEORIS – Global Campus

2026	NEORIS Secure Software Development Lifecycle (SSDLC) NEORIS – Global Campus
2026	Secure Coding Practices NEORIS – Global Campus
2026	OWASP TOP 10 (2021) NEORIS – Global Campus
2026	Business Continuity v1.0 NEORIS – Global Campus
2026	Payment Card Industry Data Security Standard (PCI DSS) 4 NEORIS – Global Campus
2026	Dynamic Analysis NEORIS – Global Campus
2026	General Information Security Awareness v5.0 NEORIS – Global Campus
2026	Information Security and Privacy Management System (ISPMS) v2.0 NEORIS – Global Campus
2026	Personal Data Privacy v2.0 NEORIS – Global Campus
2025	GDPR: General Data Protection Regulation NEORIS – Global Campus

Technical and Leadership Skills

- Software Architecture
- Programming and Software Development
- Technology Project Leadership
- Innovation and Emerging Technologies
- Cybersecurity and Networking
- Telecommunications and Wireless Technologies
- Team Management and Leadership
- Effective Communication
- Analytical Thinking and Problem Solving
- Conflict Management and Resolution
- Professional English (Proficient)