

# EDGARD MACHADO

Senior Software Engineer | AI Systems Architect | Backend Specialist  
Spain (EU Citizen) | 100% Remote

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## PROFESSIONAL SUMMARY

Senior Software Engineer with 7+ years of experience designing scalable backend systems and enterprise AI platforms.

Technical architect and core developer behind all major digital products at:

- Amodo Soluciones
- MEP Spain

Specialized in enterprise-grade AI orchestration, self-hosted LLM systems, and backend architecture for business-critical environments.

Fully remote professional with proven experience collaborating across distributed teams.

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## PROFESSIONAL EXPERIENCE

### CTO & Technical Architect

Amodo Soluciones  
2024 – Present

- Designed and implemented full backend architecture for all company products.
  - Built scalable business management systems from scratch.
  - Reduced operational costs by 20% via workflow automation.
  - Led technical strategy while remaining hands-on.
  - Defined development standards and architecture guidelines.
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## **Lead AI Systems Architect**

MEP Spain

Owned the architecture and implementation of the company's AI-driven digital ecosystem.

### **Flagship Product: MeigaHub**

Self-hosted Enterprise LLM Orchestration Platform.

Designed and built:

- Multi-LLM orchestration (local models + cloud APIs)
- Persistent AI memory system
- 14 integrated AI tools
- File ingestion & document processing engine
- Web search integration
- Multi-platform chat (Telegram, Slack, Mattermost)
- GDPR-compliant private deployment model
- Backend architecture in Laravel
- Task orchestration & automation engine
- On-premise-ready infrastructure

Delivered a production-ready private AI infrastructure enabling secure enterprise adoption of generative AI.

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## **Previous Experience**

- Freelance Backend Developer (International Remote)
- Software Developer – Rawson BPO
- RPA Developer – DXC Technology
- Junior Programmer – ManpowerGroup

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## CORE STACK

Laravel • Livewire • MySQL • SQL Server • REST APIs • Docker • Backend Architecture •  
LLM Orchestration • Enterprise AI Systems • Workflow Automation