

MANU LOBATO FUNES

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PROFESSIONAL SUMMARY

Backend engineer with 12+ years of professional experience building web applications, REST APIs, and data-driven systems. Strong expertise in PHP with hands-on experience in Golang through personal and freelance projects. Proven ability to design and maintain scalable backend services, integrate third-party systems via SOAP/REST, and work across the full software development lifecycle.

TECHNICAL SKILLS

Languages	PHP (expert), Golang (proficient – used in freelance and personal projects), JavaScript, SQL
Backend	REST API design, SOAP integrations, microservices, event-driven architecture
Databases	MySQL, PostgreSQL, SQLite
DevOps & Tools	Docker, Git, Linux, CI/CD pipelines
Methodologies	Scrum, Agile, code reviews, TDD
Also	MongoDB (familiar), TypeScript (familiar)

PROFESSIONAL EXPERIENCE

Freelance Backend Developer (Golang & PHP)

Feb 2025 – Present • Remote

- Independent client work focused on backend development in Golang and PHP.

Full Stack Developer (Backend-focused)

Relab – Software Consultancy, Barcelona • Apr 2021 – Feb 2025 • Remote

- Designed, built, and maintained REST APIs in PHP serving multiple client projects in production.
- Implemented backend business logic, data validation layers, and database schema design with MySQL.
- Integrated third-party services and external APIs for client-specific workflows.
- Participated in code reviews, testing, and deployment processes within Agile/Scrum teams.
- Managed application deployments using Docker containers and Git-based version control.
- Used Redis for caching and message queuing to improve application performance.

Software Developer

S2M Technologies – Geolocation & Document Management, Barcelona • Mar 2015 – Jan 2019 • Remote

- Built geolocation-based web applications and internal document management intranets from the ground up.
- Developed a server application interfacing with the Spanish Tax Agency (AEAT) via SOAP services for automated invoice submission and retrieval.
- Maintained and configured Linux servers for application hosting and deployment.
- Worked with PHP, MySQL, PostgreSQL, Java, and JavaScript across multiple concurrent projects.

Freelance Developer & Family Business

Nov 2011 – Mar 2015

- Independent freelance development work alongside contributions to a family business.

Software Developer

Pshard Aplicaciones Informáticas, Barcelona • Nov 2009 – Nov 2011

- Developed web applications using JavaScript and the .NET stack with Microsoft SQL Server.
- Participated in the full development lifecycle from requirements gathering to production deployment.

Junior Developer

Professional Soft, Barcelona • Dec 2007 – Sep 2009

- Built desktop and web applications using .NET, Visual C#, and Visual FoxPro.

SIDE PROJECTS & CONTINUOUS LEARNING

- **Live portfolio:** Running projects with write-ups at manulobato.com
- **Golang backend projects:** Building REST APIs and CLI tools in Go to deepen backend skills beyond PHP. Exploring concurrency patterns, Go modules, and idiomatic project structure.
- **AI integration exploration:** Experimenting with LLM APIs (Anthropic, OpenAI) to build AI-powered tools for business automation.

EDUCATION

- **Bachelor's Degree in Computer Engineering** – Universitat Autònoma de Barcelona (UAB), 2015 – 2022
- **Higher Technical Diploma in Software Development (CFGS DAI)** – Institut Jaume Viladoms, 2005 – 2007

LANGUAGES

Spanish (Native) • Catalan (Native) • English (B2 – Cambridge certification in progress, May 2026)