

# MATTEO D'AGORD

## Senior Full Stack Developer | Solutions Architect

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### PROFESSIONAL PROFILE

Senior Full Stack Developer & Technical architect with 20+ years of hands-on experience designing and developing robust enterprise web applications. Deep expertise in backend development, cloud infrastructure, and database optimization. Proven ability to solve complex technical problems, analyze business requirements, architect scalable solutions, and collaborate effectively in distributed teams.

### CORE COMPETENCIES

**Backend Development:** Python, PHP, Django, Flask, Laravel, Symfony - REST APIs & WebSockets - Database design & optimization (MySQL, PostgreSQL, MongoDB)

**Cloud & DevOps:** Microsoft Azure - Amazon AWS - Docker - CI/CD - Linux administration

**Technical Problem-Solving:** Solution architecture - Performance optimization - Legacy system integration - Code quality & testing

**Additional Skills:** Frontend basics (HTML5, CSS3, Bootstrap, jQuery, React/Vue basics) - Git - Jira, Confluence - IoT development (Raspberry Pi)

**Soft Skills:** Technical problem-solving - Clear communication - Remote team collaboration - Project ownership - Continuous learning - Business acumen - Code quality focus - Vendor management - Reliability & accountability

### CURRENT LEARNING FOCUS

**AI & LLM Integration:** AI Agent development - RAG systems - Prompt engineering - LLM tool orchestration

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### PROFESSIONAL EXPERIENCE

#### Freelance/independent consultant

January 2026 - present

#### AI Agent — Personal Project

Designed and implemented a full-stack AI agent for real-time glucose monitoring data analysis. Built a RAG system using LangChain and sentence-transformers for document querying. Developed an MCP server exposing domain-specific tools to an LLM agent orchestrated via Anthropic Claude API. Delivered a Flask web dashboard with real-time Chart.js visualization and SSE streaming responses.

**Technologies:** Python, Flask, LangChain, FAISS, Anthropic API, MCP, SSE, REST APIs

Designing and developing web applications across diverse industries, with focus on backend development, system optimization, and technical problem-solving.

**Technologies:** Python, PHP, JavaScript, Django, Flask, Laravel, MySQL, PostgreSQL, AWS, Docker

### **Safilo Group - Senior ICT Consultant (Contractor) via Senovo IT**

Padua, Italy | May 2020 – December 2025

External technical lead supporting digital transformation within a multinational organization (3.800+ employees). Architected, developed, enterprise web applications serving internal users. Managed cross-functional coordination between internal teams and external vendors while maintaining ownership of project delivery.

#### **Key Achievements:**

- Independently architected and developed critical business application that replaced €15.000 vendor proposal, delivering cost savings and superior functionality
- Managed urgent infrastructure migration when CDN provider announced service termination. Rapidly evaluated alternatives, coordinated implementation, and ensured seamless transition with zero downtime
- Architected cloud infrastructure on Microsoft Azure and Amazon AWS (CDN, storage, APIs, SSO authentication)
- Collaborated across technical teams to translate business requirements into robust, maintainable code

**Technologies:** Python, PHP, Flask, Microsoft Azure, AWS, MySQL, PostgreSQL, REST APIs, Git, Jira

### **Rotas Italia - Full Stack Developer**

Treviso, Italy | May 2019 – April 2020

Developed backend systems and infrastructure for manufacturing applications. Focused on code quality, automation, and deployment optimization.

**Achievements:** Architected containerized environment using Docker - Developed scalable Python/PHP backend systems - Designed MySQL schemas - Established CI/CD workflows

**Technologies:** PHP, Python, MySQL, Docker, Git

### **IM-Technologies - Full Stack Developer**

Padua, Italy | September 2017 – April 2019

Maintained and improved web services for Italian Public Administration digitalization projects. Focused on integration, compliance, and technical optimization.

**Achievements:** Architected Python/Zope/Plone applications for PA digitalization - Integrated legacy PA systems - Implemented SPID SSO authentication - Ensured compliance with public sector security requirements

**Technologies:** Python, Zope, Plone, MySQL, Docker, Linux, Web Services, SSO/SPID

### **Atcetera s.a.s. - Co-founder & Lead Developer**

Castelfranco Veneto, Italy | 2013 – 2017

Architected and developed proprietary web applications and IoT solutions. Managed technical implementation and infrastructure for multiple products from concept to market.

**Products:**

- **Civico:** Professional property management platform (PHP backend, still in use)
- **Strimy:** Cloud-based digital signage solution (Python, AWS EC2, Raspberry Pi, NEC certified)

**Achievements:** Architected full-stack applications - Designed IoT solutions using Raspberry Pi & Python - Built real-time WebSocket systems - Managed AWS infrastructure - Managed clients and vendors

**Technologies:** Python, PHP, Django, Flask, Node.js, AWS, Docker, IoT

**Freelance**

1996 - 2012

Web development and applications for agencies and private clients; technology research and personal projects.

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**REFERENCES**

Professional references available upon request, including a written reference from the Chief Information Officer of Safilo Group.

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**EDUCATION**

**Bachelor in Economics** (5-year degree, equivalent to Master level) Ca' Foscari University, Venice | 1996 – 2003 | Grade: 90/110

**Certifications:** Scrum Master (Scrum Alliance, 2021)

**LANGUAGES**

- Italian: Native
- English: C1 (Professional Working Proficiency)
- German: Basic

Eligible to work in the European Union | Preference for remote positions