Fabio Dell'Onte

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About Me

Optimistic, hands-on tech leader balancing professional drive and joy of life. I face challenges with a positive mindset and, when needed, laser focus to hit goals. I trust people and their potential, bringing out the best guided by truth, transparency and integrity. With 15+ years in software development and team leadership, I've delivered complex projects, fostered automation and quality culture, and built collaborative, growth-oriented environments. Still on the field: I prototype first, then transfer knowledge and ownership to the team.

Experience (Biesse · 2007–present)

- **Software Operations Manager** (2023–): SDLC/ALM, CI/CD, SCM, SW protection, cloud infra, vendors, tech coordination.
- **Process & Test Manager** (2016–2022): ALM processes, test automation, cloud integrations, infra tools, team coordination.
- **Software Team Leader** (2012–2016): CAD/CAM (glass/stone) technical lead, post processors, QA, trade-show demos.
- **Software Developer** (2007–2012): ModuleWorks 5-axis integration, CAM toolpaths, CAD/CAM diagnostics, performance tuning.

Skills

Languages: C#, C++, C, Python, TypeScript, PowerShell, .NET, STL, Qt
DevOps/Tooling: Windows, Linux, Azure, Azure DevOps, Jenkins, Git/GitHub/SVN/TFVC, Docker, YAML, SQL, JSON, XML
Focus: CAD/CAM, Windows desktop/services, remote services, troubleshooting, process automation, web apps, OpenGL
Data/Analytics: Elastic Stack, Power BI, Excel · **IDE:** VS 2022, VS Code, Cursor AI
AI & ML: Ollama, OpenAI ChatGPT/API, Claude, LLaMA, Microsoft Phi

Education

MSc Computer Science – Univ. Bologna, 110/110 cum laude (2005–2007) – Thesis: "Adaptive tessellation for subdivision surfaces in XCSubd"
BSc Applied CS – Univ. Urbino, 109/110 (2001–2004) · ITIS "E. Mattei" Urbino, 100/100 (1996–2001)

Key Projects (selection)

- **Kaos Cloud Connectivity** (2023–): TS/Node+React, WSS, Nginx, Elastic APM.
- **Monitoring Platform** (2019–): C# plug-in agent + Elastic, 24/7 observability.
- **GenAI & LLM Suite** (2024–): GPT/LLM integration, RAG, CI/CD.
- **License Protection Suite** (2012–): HASP→PNG steganographic licensing (LKLib C#).
- **Cloud Installer (VS-Installer-like)** (2019–): unified launcher, retry/checksum.
- **Test Automation & VM Farm** (2015–): C#/C++ framework, coverage, VM orchestration.
- **DevOps Integration Bridge** (2018–): Salesforce–Teamcenter–ADO sync, +187 h/yr saved.
- **TimeBridge** (2020–): ADO→Oracle OTL hours export, ≈4,000 h/yr saved.
- **Internal Package Manager** (2016–): 280+ modules, deps resolved <2 s.
- **Release Notes Portal** (2022–): MD→nightly site, search & feedback.
- **SDLC WI Governance** (2018–): 100% process adoption, audit-ready.
- **Energy Monitoring System** (2024–): OPC UA KPIs stored for efficiency.
- **Process-Rules Validator** (2016–): 30+ nightly WI rules, proactive fixes.

Languages & Interests

Italian (native) · English (intermediate) · Family, personal & team growth, technology, automation, AI, running