

Davide Cerrato

CAD/CAM Consultant - Manufacturing

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PROFESSIONAL PROFILE

Specialized IT consultant with ~10 years of deep expertise in sheet metal CAD/CAM software and manufacturing technology. Proven track record supporting enterprise-level nesting and CAM solutions across leading machine manufacturers (Trumpf, Amada, Salvagnini, Prima Power, Bystronic, Cutlite Penta). Hands-on experience with DXF/DWG formats, G-code, post-processors, ERP integrations, and multiple CNC control systems. Currently building DCAM—a next-generation browser-native CAD/CAM platform leveraging AI-assisted design workflows.

PROFESSIONAL EXPERIENCE

Technical Support – CAD/CAM Systems

Lantek Sistemi SRL, Italy | Mar 2018 – Oct 2025

- Provided technical support and maintenance for sheet metal CAD/CAM systems and related infrastructure
- Managed supplier relationships and coordinated with enterprise clients across multiple manufacturing sites
- Installed, configured, and troubleshoot CAM software and CNC machine interfaces
- Worked extensively with nesting algorithms, post-processor configurations, and machine-specific workflows

Technical Support – Sheet Metal CAD/CAM

Libellula SRL, Italy | Oct 2025 – Jul 2026 (Current)

- Technical support and maintenance of sheet metal CAD/CAM systems and infrastructure
- Supplier relationship management and coordination with enterprise clients
- Installation, configuration, and troubleshooting of CAM software and CNC machine interfaces
- Nesting algorithm optimization, post-processor configuration, and machine-specific workflow implementation

Early Career – IT & Systems Support

Aubay (Turin), ForIT (Network Administration & Java Training) | 2014–2016

- Systems administration, network configuration, and Linux/Windows server management
- Java programming fundamentals, Angular.js, HTML/CSS/JavaScript development

TECHNICAL EXPERTISE

CAD/CAM & Manufacturing: Sheet metal design & nesting • DXF/DWG formats • G-code generation and optimization • Post-processor configuration • Cutting path optimization • ERP integration (Lantek, Concept, Arca, Mago)

Machine Platforms: Trumpf • Amada • Salvagnini • Prima Power • Bystronic • Cutlite Penta • Mazak • Euromac • Technology • CypCut

CNC Controls: Siemens 840D • Fanuc • Heidenhain • LST control language

IT & Systems: Linux • Windows • Windows Server • Network administration • Active Directory • Kali Linux • Metasploit Framework

Code Reading & Interpretation: JavaScript • Angular.js • Java • C++ • HTML/CSS • Python • SQL

LANGUAGES

Italian (Native)

English (B1: Reading, Listening, Oral Interaction)

French (A1: Basic)

PERSONAL PROJECTS

DCAM — Browser-native sheet metal CAD/CAM platform leveraging AI-assisted design workflows

PROFESSIONAL QUALITIES

- Deep domain expertise in sheet metal manufacturing and CAD/CAM technologies
- Problem-solving mindset and technical troubleshooting skills
- Strong communication across technical and non-technical stakeholders
- Cross-cultural collaboration and multi-ethnic teamwork experience
- Self-driven learner with continuous focus on emerging technologies and industry trends

I authorize the processing of my personal data for recruitment purposes in accordance with GDPR 2016/679 and Italian Data Protection Code (d. lgs. 196/2003).