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Davide Dal Farra curriculum vitae

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General details


Family name:	DAL FARRA	Given Name:	Davide
Date of Birth:	15-Aug-1981	Gender:	Male
Country of Nationality:	Italy	Country of Nationality at Birth:	Italy
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Education

Name of Institution	City, Country	Title of the degree/diploma
Università degli studi di Torino	TORINO/ Italy	Bachelor degree on information technology
Liceo Scientifico Alessandro Volta	TORINO/ Italy	Scientific high school degree

TL;DR

- **Technology Lead**
2023 - present, [ToolsGroup B.V.](#)
- **Chief Technology Officer**
2021 - 2023, [Evo Europe Limited](#)
- **Head of Infrastructure and Software Architect**
2018 - 2021, [Evo Europe Limited](#)
- **Full stack developer and migration specialist**
2020, [UNODA - United Nations Office for Disarmament Affairs](#)
- **Full stack developer**
2019, [UNODA - United Nations Office for Disarmament Affairs](#)
- **System administrator and full stack developer**
2019, [UNICRI - United Nations Interregional Crime and Justice Research Institute](#)
- **Full stack Drupal developer**
2017 - 2018, [UNODA - United Nations Office for Disarmament Affairs](#)
- **System administrator and full stack developer**
2012 - 2017, [UNICRI - United Nations Interregional Crime and Justice Research Institute](#)
- **Project manager, systems architect and software architect**
2012 - 2019, [codref* consulting](#)

- **System administrator and full stack developer**
2007 - 2010, [UNICRI - United Nations Interregional Crime and Justice Research Institute](#) 
- **Teacher** (.NET and Windows Servers Administration)
2005 - 2007, Valtec s.r.l.

Employment

(2023 - present) Technology Lead

[ToolsGroup B.V.](#) 

I'm responsible for the ToolsGroup "AI" family of products, specifically for their infrastructure and architecture, the development and their scalability. I'm a key contributor to the company's technical debt reduction and open source adoption. I'm managing the AI (including Generative AI) infrastructure and leading a team of data scientist and ML Engineers. I built and manage the platform engineering and the data platform teams. I contribute to all architectural decisions. I work closely with the CTO and other directors to ensure alignment on technical strategy and business objectives.

(2021 - 2023) Chief Technology Officer

[Evo Europe Limited](#) 

As CTO my responsibilities extended to cover strategic and tactical areas involving not just the company's infrastructure but also the product entire life cycle. I managed the Evo products family, overseeing their evolution and ensuring alignment with market demands and strategic objectives.

I worked actively with the CEO and the Heads of Marketing and Sales to keep and maintain a sustainable but feature-rich product roadmap.

I worked with investors and partners to provide them clarity and visibility over the complexity of Evo's technology.

(2018 - 2021) Head of Infrastructure and Software Architect

[Evo Europe Limited](#) 

As the Head of Infrastructure I was responsible for the design and administration of all company's servers and networking infrastructures, while as a Software Architect I coordinated many development projects and provided guidance in coding techniques, data management and new technologies adoption.

(2020) Full stack developer and migration specialist

[UNODA - United Nations Office for Disarmament Affairs](#) 

In coordination with the UNODA New York branch, I coordinated the Geneva branch Lotus Notes website migration to Wordpress. The operation aimed to move, into the new system, thousands of web pages and documents which are going to be first reviewed and re-processed by a small team of junior analysts and web developers.

(2019) Full stack developer

[UNODA - United Nations Office for Disarmament Affairs](#) 

Within the framework of the "Article VII of the Biological Weapons Convention" project, I was responsible for the design and development of a "data visualization" and "process mapping" portal.

(2019) System administrator and full stack developer

[UNICRI - United Nations Interregional Crime and Justice Research Institute](#) 

I was responsible for the refactoring of many Institute's information services, including UNICRI's servers and networking infrastructure.

(2017 - 2018) Full stack Drupal developer

[UNODA - United Nations Office for Disarmament Affairs](#) 

I've been responsible for the design, development, and maintenance of two online portals to support the Biological Weapon Convention (BWC) and Article X implementation.

The position required expertise in analysis of the requirements, project management, Drupal coding and Linux systems administration; this led to a set of user friendly but feature rich products which highly simplified the collaboration among UN States Members Parties and helped the Implementation Support Unit on its everyday duties.

(2012 - 2017) System administrator and full stack developer

[UNICRI - United Nations Interregional Crime and Justice Research Institute](#) 

I've been responsible for UNICRI's systems administration and Institute's projects-related *software design and development* (when required by the task, with the coordination of other contractors and consultants).

The management of the networking and server infrastructure on a geographically distributed and fragmented environment (UNICRI has field offices and project staff deployed all around the globe) required troubleshooting skills and knowledge of the main networking protocols and their security best practices. At application layer this required expertise in configuring and managing Linux and Windows systems.

(2012 - 2019) Project manager, systems architect and software architect

[codref* consulting](#)  (self employed)

I was responsible for the management of all company's projects, which span from software analysis and development to networking and systems design and implementation. As a consultant I participated in many projects implementation, providing guidance in Open Source technologies adoption, information security and software engineering. The role required expertise in multiple programming languages and in systems administration (Linux and Windows), forcing me to continuous training and to new technologies research.

(2007 - 2010) System administrator and Full stack developer

[UNICRI - United Nations Interregional Crime and Justice Research Institute](#) 

While operating under the direct guidance of the UNICRI Information Technology Officer, I provided assistance and support in systems administration and fulfilled development tasks for many Institute's projects.

(2005 - 2007) Teacher

Valtec s.r.l.

I worked as teacher and professional trainer in entry level, intermediate and advanced Microsoft Certified Learning professional courses focused on the .NET framework, *c#* programming language and Windows Server system administration. In addition to teaching I had to organize the classes, structure the lessons and review the exercises. This made a significant contribution to my organizational and public speaking skills.

Languages

Language	Read	Speak	Understand	Write	Mother tongue
English	Fluent	Fluent	Fluent	Fluent	No
Italian	Fluent	Fluent	Fluent	Fluent	Yes

Certificates

Certification	Field of study	Date obtained
Microsoft Certified Application Developer	.NET and C#	14-Jul-2009

Skills

Given the amount of years spent as a systems engineer, developer, architect, etc, the list of skills would be quite long (and boring to read). Follows a short summary.

I'm a **Linux** enthusiast, so I'm proficient in both client and server Linux systems. I like very much the Linux architecture and philosophy, nevertheless I started on **Windows** in the years '90s - therefore I matured a lot of experience on Windows systems as well.

I prefer compiled programming languages like **Go** and **Rust** (or C), but **PHP** rewarded me a lot in my early career. I think each language has a scope and might be better to achieve a specific goal. **Python**, for example, is extremely useful for a multitude of tasks, but if I have to rely on **R** or **Javascript**, I'm in as well (and I won't deprecate a programming language only because it's old or less known).

Since we live in a *containers world*, **k8s** deployed via **kubeadm**, to me, is a good choice, but **Docker Swarm** works equally better in a number of scenarios. I'm mostly focused on **Open Source** products and technologies.

Beyond the core infrastructure skills, I have extensive experience in **AI** and **Machine Learning** infrastructure, including **Generative AI** systems. I'm proficient in **platform engineering**, designing and managing scalable data and AI platforms. I have strong expertise in **data platform** architecture and engineering. My background includes significant experience in **team building** and **team leadership**, particularly in managing cross-functional teams of engineers and data scientists. I'm experienced in **technical architecture** and **architectural decision making** at both product and infrastructure levels. I'm also skilled in **technical debt reduction** and promoting **open source adoption** within organizations.