Ettore**Trevisiol**
performance engineer

about
born near Udine
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summary

Working as performance engineer on complex IT environments. Dev for need and pleasure. I help customers managing IT resources, proactively identifying problems, avoiding unnecessary purchases, correctly designing and sizing IT architectures according to business requirements and forecasting future needs. The main focus is the optimization and the Capacity Management of the entire IT estate from datacenter level to application level.

experience

2017-Current   **Senior Consultant & Technical Account Manager**   Moviri S.p.A.

As SC, I support customers to establish best practices, increase the maturity of their Capacity Management process, achieve savings through optimization and efficiency growth plans. As TAM, I provide technical support on pre-sales and post-sales activities on a gold customer (>1M€/year), I'm in charge of business development activities on prospects and customers, furthermore I help to develop my company business offering.
Solution architect and team leader on several projects in EMEA region.

2016-2017   **Consultant**   Moviri S.p.A.

In charge of design and implementation of data collection, build and evolution of a data warehouse to collect metrics in order to enhance maturity level of Capacity Management process, support cost optimization, provide rightsizing and showback solutions. Solution architect of production environments and disaster recovery sites on enterprise architectures from a capacity and performance perspective.
Team leader and project manager on teams up to 8 people.

2013-2016   **Analyst**   Moviri S.p.A.

Performance analyst on both distributed and Mainframe environments, mostly focused on providing value to customers through increase of IT efficiency. Responsible of maintenance of an enterprise-wide platform to monitor systems. ETLs developer and in charge of data warehouse operations. Activities focused on support to Service Level and Capacity Management processes.
From 2015, team leader on many projects up to 5 people.

knowledge

Technologies
AIX · AS400 (System i) · AWS EC2 · Azure Compute · DB2 · Hyper-V · JMeter · KVM (plain + RHEV) · Linux · Mainframe (System z) · MySQL · NAS (NetApp) · OpenStack · Oracle Database · Oracle Exadata · SAN (EMC^2, IBM, Huawei, PureStorage) · Solaris · Splunk · SQL Server · Teradata · VMware vSphere · WebSphere · Windows Server · XenServer

Programming
AMPL · Bash · C · Java · Perl · Python · SQL

Languages
Italian (Mothertongue) · English (Fluent)

projects

2017	**Accounting and Showback**	Bank, Italy

Development of a cost allocation solution that provides to IT management, departments and owners full costs visibility of applications providing drill-down on each IT resource used within on-premise and private Cloud infrastructures. The project enabled several savings activities from both infrastructure and application perspective that were invisible and unachievable before.

2016	**Capacity-aware Disaster Recovery**	Bank, Italy

Design of technological patterns and fail-over procedures for both metropolitan and geographical BC/DR solutions on compute and storage layer in order to maximize performance, minimize capacity needs, lower costs and be compliant with ECB requirements. The project achieved the implementation of four performance-optimized datacenters with an overall purchase avoidance of millions of euros of unnecessary hardware.

2015	**Virtual Environments Optimization**	Bank, Italy

Implementation of a solution that collects data and provides optimization and rightsizing recommendations on all virtual environments. The project downsized or turned off thousands of VMs, achieved an overall million euros TCO reduction through consolidation, decrease of DR sites footprint and drop of third parties software licenses.

2014	**Real-time Application Monitoring**	Govern, Australia

Build of an enterprise platform to supervise end-user experience on business-critical applications and provide real-time data to IT operations teams. The customer moved from a reactive to a proactive approach, furthermore the MTTR dropped from hours to minutes.

2013	**Capacity Management Process**	Bank, Italy

Design of process and interfaces, identification of KPIs, data collection and tool deployment to support all the iterative phases of the Capacity Management process in a Tier-1 European bank. The bank obtained a business-oriented Capacity process and full-stack visibility on Capacity metrics.

education

2011–2013	**M.Sc. Computer Engineering**	Politecnico di Milano, Italy

Thesis: *Generalized Nash Equilibria for the Service Provisioning Problem in Multi-Cloud Systems*

2007-2010	**B.Sc. Computer Engineering**	Politecnico di Milano, Italy

Thesis: *Performance Analysis of Virtualized Systems Based on KVM*

2001-2006	**High School**	Liceo Scientifico G. Marinelli, Udine, Italy

certifications

2015	**ITIL® Foundation Certificate in IT Service Management**	EXIN

2010	**TOEIC® Certificate in English**	ETS

Level C1 Certification

interests

Photographer · Traveller · Skier & Tennis Player · Movie Buff · Hardware Enthusiast