Paolo Salvatori

Personal details

Paolo Salvatori

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October 9, 1969

Pisa, Italy

Male

Italy

Divorced

github.com/paolosalvatori

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Skills

Architecture Design	●●●●○
Public Speaking	●●●●○
Serverless Architecture	●●●●○
Microservice Architecture	●●●●○
Kubernetes	●●●●●
Docker Containers	●●●●○
OpenAI and Large Language Models (LLMs)	●●●●○

Profile

Highly motivated and experienced IT professional with over 30 years of industry experience. Specializes in consulting and engineering roles, with expertise in infrastructure and application design, development, monitoring, and testing. Excels at architecting solid, reliable, and secure solutions in the cloud, with a multi-year, proven track record specifically in Azure. Proficient in a wide range of technologies, including web services, infrastructure-as-code, microservice and serverless architecture, Kubernetes, messaging technologies, OpenAI, and LLMs. Extensive experience in IoT, B2B, and EAI scenarios. Collaborates closely with Microsoft strategic customers, partners, and ISVs to ensure successful cloud deployments. Recognized as a reputable author of articles in official documentation and reference architectures, and sought-after speaker at national and international conferences. A team player with a demonstrated ability to provide valuable support for customers and partners in developing innovative solutions.

Education

Computer Science	**Nov 1988 - Jun 1993**
Università di Pisa, Pisa	
final grade: 110 cum laude	

High School	**Sep 1983 - Jul 1988**
Ulisse Dini Scientific High School, Pisa Italy	
final grade: 60/60	

Employment

Principal System Engineer — **Feb 2021 - Present**
Microsoft, Milan, Italy

- As a member of the engineering team, help large ISVs such as JFrog, Contentsquare, Betclic, Epic, Qdrant, and WIZ to migrate SaaS solutions from their on-premises datacenter or other cloud platforms to Azure.
- Modernize their applications to a microservice-based or serverless architecture adopting Azure services, Kubernetes, OpenAI, and CNCF technologies.
- Improve reliability, cost efficiency, performance, stability, security, and operational excellence of Azure customers' cloud solutions.
- Contribute to official documentation, Azure Architecture Center, Azure Samples and Tech Community with articles, reference architectures and sample workloads.
- Containers Azure Review Board Lead, responsible for the review, and maintenance of all the technical articles and reference architectures built using containers-related Azure services such as Azure Kubernetes Service and Azure Container Apps.

Principal Program Manager — **Sep 2013 - Feb 2021**
Microsoft, Milan, Italy

- Help strategic customers to design, build, deploy and monitor mission-critical solutions on the Azure platform.
- Drive engineering relationships across customers and partners to fully

Skills

- Application Development and Testing ●●●●○
- Customer Relationship Management ●●●○○
- Cloud Migration ●●●●○
- DevOps ●●●●○
- Messaging ●●●●●
- IoT solutions ●●●●○
- REST services ●●●●○
- Real-Time Data Analytics ●●●●○
- Enterprise Application Integration (EAI) ●●●●○
- Technical documentation ●●●●○
- Cloud Governance ●●●●○
- Performance and Load Testing ●●●●○
- Code Profiling ●●●○○
- Performance Optimization ●●●●○
- LlamaIndex ●●●●○
- LangChain ●●●●○
- Chainlit ●●●●○
- Sematic Kernel ●●●○○
- NGINX Ingress Controller ●●●●●
- Karpenter ●●●●○
- Open Policy Agent ●●●●○
- Prometheus ●●●●○
- Grafana ●●●●○
- OpenTelemetry ●●●○○
- Jaeger ●●●●○
- Zipkin ●●●○○
- Harbor ●●●●○
- Crossplane ●●●●○
- ArgoCD ●●●●○
- FluxCD ●●○○○
- Kustomize ●●●○○

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understand and learn from the customer experience end-to-end on the Azure platform.
- Provide feedback to the engineering team to improve Azure services.
- Deliver presentations at Microsoft and non-Microsoft technical events (e.g. BUILD conference in 2014) Provide architectural guidance for Azure solutions through interaction with technical audiences.
- Design IoT and real-time analytics using the Azure platform.
- Contribute to public case studies on the Microsoft site (e.g. Proactima, Costa Crociere)
- Created the Service Bus Explorer tool that is currently used by a significant number of internal and external customers.
- Author, co-author, review white papers and articles published on MSDN and Azure official site.
- Built a considerable number of samples on my GitHub account.
- Published e-books on multi-container app development on the official Microsoft Azure web site.

Principal Program Manager   Jul 2010 - Aug 2013
Microsoft, Milan, Italy

- Conducted several architecture design reviews that helped strategic customers to improve the stability, performance and security of mission-critical cloud solutions built with Azure technologies.
- Delivered several performance labs at the Microsoft campus in Redmond, US
- Contributed to public case studies on the Microsoft site.
- Worked at many strategic accounts.
- Delivered a significant number of presentations at Microsoft and non-Microsoft technical events.
- Authored or co-authored whitepapers and articles published on MSDN and Azure official site.
- Built a considerable number of demos and samples on MSDN code gallery.
- Provided several feedback to improve Azure services.
- Established a close relationship with the various teams in the product group.

Principal Program Manager   Jul 2007 - Jul 2010
Microsoft, Milan, Italy

- Ensured the success of strategic, high revenue, high risk customers by delivering onsite architecture design reviews of mission critical EAI, B2B and financial projects based on BizTalk Server.
- Conducted around 50 design reviews on large accounts.
- Prepared and delivered load and performance tests aimed at improving the scalability and performance of mission-critical applications for top customers.
- Provided centralized, comprehensive response for customer escalations.
- Collected feedback and bugs to improve the quality of BizTalk Server.
- Defined and reviewed specifications for individual modules of BizTalk Server 2009 and 2010 (e.g. rule engine, mapping, orchestration engine, etc.)
- Co-authored the official guides on MSDN (BizTalk Server 2006 R2/2009/2010 Optimization Guide, BizTalk Server 2009/2010 Operations Guide, etc.)
- Delivered several sessions on BizTalk Server integration at the following technical events\conferences (TechEd In Berlin and Amsterdam, TechReady in Seattle, other regional events)
- Posted several articles and demos on my blog and MSDN Code Gallery.

Principal Consultant   Jul 2005 - Jun 2007
Microsoft, Milan, Italy

- Designed and implemented the backend system and service components of the Microsoft ConnectedServices Framework (CSF), a service-aggregation SOA platform built by MCS Italy. Developed on the .NET framework, CSF enabled scalable, loosely coupled service-based solutions. CSF was largely based on WCF and WF and it provided a sophisticated and context-driven routing engine to forward request messages to external .NET or BizTalk driver services.
- Later on, the CSF server engine was adopted by the Microsoft Customer Care Framework (CCF),a desktop-based framework which was used to address issues faced by service providers caused by multiple line of business (LOB) systems while interacting with their customers. The Customer Care Framework provided a core set of functions for customer support avenues including voice call via call center agents and Internet portals.
- Designed a complex end-to-end solution for Brembo to collect, process and analyze in near-real timethe telemetry data generated by Formula 1 racing cars.

Senior Consultant   **Jul 2000 - Jul 2005**
Microsoft, Milan, Italy

- Collaborated with Accenture to the design and implementation of a large, mission-critical budgeting solution for Philip Morris built using the .NET Framework, SQL Server, and .NET Remoting.
- Designed and implemented a B2B for Ferrero based on BizTalk Server 2002 and .NET components.
- Designed and implemented the core engine of a complex, rule-based provisioning system for TelecomItalia using BizTalk Server 2004 and .NET components. The system was used to manage all the marketing campaigns.
- Built identity management solutions for Vodafone Italia, Ferrovie dello Stato (Italian Rail Company), Banca Intesa and Ministry of Justice.

Consultant   **Oct 1997 - Jul 2000**
Microsoft, Milan, Italy

- Responsible for the development of end-to-end solutions for customers in the financial sector such as Banca Toscana and Monte dei Paschi di Siena.
- Collaborated with partners such as Gruppo Formula and TeamSystem in the design and development of sophisticated ERP solutions with Microsoft technologies such as MTS\DCOM\COM+, SQL Server, ADO, ASP, IIS and languages such Visual Basic 6, C++, HTML\DHTML and JavaScript.

Developer   **Apr 1997 - Oct 1997**
Unisys, Milan, Italy

- Worked in the team responsible for Hermes, the flag-ship Unisys product for the editorial and publishing market.
- Matured a strong competency in the architecture design of multi-tier client-server applications and personally designed and developed a brand-new, multithreaded service in Windows NT.
- Ported some existing components of the Hermes solution from Unix to Windows NT.

Developer   **Jan 1996 - Mar 1997**
Datamat, Pisa, Italy

- Contributed to the design and development of an automation and M2M system for ENEL, multinational energy company and a global integrated

operator in the electricity and gas industries based in Italy.

- Developed a command and control and health monitoring system to proactively monitor and proactively manage operations of groups of remote power plants from a centralized console.

Developer   **Jan 1995 - Dec 1995**

LIST, Pisa, Italy

- Contributed to the development of client and server components for financial solutions: Capital Market, Risk Management.
- Developed software components in C\C++ on platforms: Client: Macintosh, Windows; Server: Unix (SunOS, Solaris, Digital Alpha Server).

Sub-Lieutenant   **Sep 1993 - Dec 1994**

Italian Navy, Livorno, Italy

I completed my military service as a sub lieutenant in the Italian Navy (Marina Militare). After a three-month course at the Naval Academy of Livorno, I ranked third out of a class of 220 officer cadets, which allowed me to choose my assignment. I served as a computer science instructor at the Naval Academy of Livorno.

References

Clemens Vasters
Microsoft
clemensv@microsoft.com

Ken Kilty
Microsoft
Ken.Kilty@microsoft.com

Certificates

Exam AZ-900: Microsoft Azure Fundamentals   **Oct 2024**

Kubernetes and Cloud Native Associate (KCNA)   **May 2023**