Curriculum Vitae

Name:	**Dipl.-Inf. Torsten Bergmann**
Location:	GERMANY
Marital Status:	married, 2 children
Languages:	Deutsch, Englisch
Info and Links:	https://about.astares.com

Professional Career

Employment

06/2004 – 2025	**Global IT Architect and Cloud Architect, IT Management** ForwardU, Grünwald and global locations in Europa and MENA (from 2018) *Global architectural responsibility within the financial group* *Member of the Global IT Management* *Head of the "Architecture and Innovation" department and team leader for the global architecture team* *Definition and implementation of various cloud environments (Azure and AWS) with a multi-tenancy approach* *Group-wide introduction of M365 and related services as part of a digital workplace initiative* *Implementation of a cloud environment for the insurance business in the Kingdom of Saudi Arabia (KSA) under SAMA supervision* *Introduction of a uniform global intranet solution based on SharePoint Online* *Introduction of a remote signature solution (RSS)* *Provision of marketing support solutions such as lead management and reporting center* *Portal solutions for the MENA region (CP ADNTC in the UAE)* *Preparation of a DevOps platform (Azure DevOps/AvD, CoPilot)* **Software Architect** FWU Group, Munich for European locations and Dubai (from 2004) *Implementation of a global customer portal solution (GCP)* *Modernization of the IT landscape at the infrastructure and application level* *Conversion from FILOS/mFILOS to a uniform FILOS-TECH system, OneClient with PWA, preparation of back-office ETL*

- *Modernization of the web infrastructure of the FWU Group and the SOLYDA companies*
- *Consulting in M&A processes, due diligence and integration of other companies into the group*
- *Integration of new IT teams (FWU TECH Team Austria and FWU TECH Karachi)*
- *Improvements in customer communication (SMS, mass mailings, call center solutions)*
- *Introduction of an electronic signature solution in Dubai*
- *Introduction of a document management system (DMS)*
- *Introduction of new digital processes for KYC, anti-money laundering (AML) and compliance rules*
- *Definition of a cloud-based development environment and PoC (AWS Workspace)*

Head of IT Frontoffice Europa
FWU AG, Munich and European locations (from 2012-2018)
- *Team leader FOS Munich / Dubai*
- *Definition and implementation of the flagship solution FILOS with mobile solution (mFILOS)*
- *Introduction of an electronic signature process for the European markets*
- *Introduction of a long-term archiving solution*
- *Connection of partner systems (OVB Easy, Area riservata, iCAP) and interfaces for data delivery*
- *Introduction of a portfolio display solution*
- *Conducting regular penetration tests and audits*

IT Project Manager Front Office
FWU AG, Munich and European locations (from 2007-2012)
- *Implementation of a distributed, web-based online policy solution (OPS) using SOAP web services*
- *Implementation of an online model calculation system (OMC) for various European markets*
- *Provision of a pension management (AVM) tool*
- *Introduction of eAVIS application entry as an extended B2B internet solution*

Software Developer Front Office/Back Office
FWU AG, Munich (2005-2007)
- *Maintenance and modernization of the central B2B portal (VIS)*
- *Implementation of central calculation components (Java) for all global markets*
- *Implementation of a reusable business validation framework to improve data quality*
- *Development of software components for reuse in FOS/BOS scenarios*

Software Developer - Back Office/In-house
FWU AG, Munich (2004-2005)
- *Modernization of existing Oracle Forms systems with Java*

	• *Refactoring of a payment and factoring system* • *Setup Oracle Application Server (OAS) infrastructure*
10/2001 – 09/2003	**Software Developer and External Consultant** TLC GmbH / DB Systems, Frankfurt am Main • New implementation and refactoring of a distributed timetable planning system for Deutsche Bahn • Mobile solution for offline use of RUT-K with Oracle
01/2000 – 01/2004	**Software Developer and Consultant** Phaidros Software AG, Ilmenau • *Consulting and development of object-oriented systems* • *Component development Active/X, Java, COM/COM+*

Studies

12/1999	**Graduation with a diploma in Computer Science (Dipl.-Informatiker)** Technical University of Ilmenau • *Overall grade: Good (2,0)*
1999	**Diploma Thesis** • *Topic: "Component technologies in the practice of software development" (COM/COM+, CORBA, EJB)* • *Grade "Very good" (1,0)*
12/1998 – 01/1999	**Practical Seminar Paper** Phaidros Software AG, Ilmenau • *Topic "phaidros Advantage - a process model for UML-based Rapid Architected Application Development (RAAD)"*
07/1996	**Completion of Preliminary Diploma** Technical University of Ilmenau • *Overall grade: Good (2,2)*
10/1994	**Matriculated at the Technical University of Ilmenau** • *Diploma program in Computer Science* • *Specialization: Software Engineering and Telematics* • *Minor in Economics*

Internships and Research

07/1997 – 03/1998	**Internship** at Phaidros Software AG, Ilmenau
1996 -1999	**Participation in the OSVA research project** • Research topic: "Object-oriented software development in distributed architectures" • funded by the German Federal Ministry of Economics and Research (BMBF), Daimler Chrysler, Carl Zeiss and Siemens
1996 – 1997	**OOP Consulting at BTV Software, Ilmenau** • *first contacts with the insurance industry (VKB Munich)*

	• *Project "Insurance Workspace" at the Institute for Practical Computer Science*
	• *Software binding using C++ to an OODBMS (Versant)*

Education

Sep 1991 – Mai 1994	**Vocational Gymnasium Neuhaus a. Rwg/Sonneberg**
	State Vocational School Neuhaus and Sonneberg
	• Specialization: Technology
	• Technology classes 11 to 13
Sep 1990 – Jul 1991	**Extended High School (EOS) Neuhaus/Rwg.**
	• Performance class 10
Sep 1981 – Jul 1990	**Polytechnic High School (POS) Meuselbach**
	• Classes 1 to 9

Technical Expertise

IT Architecture and IT Management

- IT management of critical infrastructures (COBIT, ITIL) in an international and regulated environment
- IT architecture and IT operation based on Windows, Linux, Unix (Solaris)
- Legacy modernization and migration, standardization
- Release and configuration management
- Automation, integration and data delivery
- IT governance and IT security, penetration testing, IT auditing
- Virtualization, multi-cloud, containerization and artificial intelligence (AI)

Programming and Scripting Languages

- Various programming and scripting languages, shell programming (Java, Smalltalk, JavaScript, C#, C/C++, VB/VBA, (Power) Shell, PHP, Python, Go, Delphi, Modula, Haskell, Prolog, SQL and PL/SQL, ...)

Modelling

- UML, BPM, Aris and tools such as Rational Rose, Papyrus, (White) Star UML, ArchiMate

Databases

- RDBMS: MSSQL, Oracle, PostgreSQL, MySQL/MariaDB, ORM JPA/Hibernate
- OODB/NoSQL: Versant (now Actian), Gemstone, Soil, MongoDB

Frameworks

- .NET, J2EE/JEE, NodeJS, ReactJS/Express, Spring/Spring-Boot, GLORP, Hibernate, JSF, Struts, JQuery, GLORP, Seaside

Server

- Web Server: Apache2, NGINX, Tomcat
- Application Server: Glassfish, Oracle OAS, Progress PAS, WebSphere

Microsoft 365 – Setup and Administration

- M365 IAM with AAD/Entra – Administration and Setup of Teams Telephony, (Cloud)-SBC, M365 Security and Cloud Governance
- SharePoint/SharePoint Online and Exchange Online
- O365 Suite and applications incl. PowerApps and enterprise applications

Cloud

- Microsoft Azure und Entra-ID, Azure DevOps, Azure Virtual Desktop
- Amazon Web Services (AWS): IAM, EC2, S3, Amazon Workspace
- Oracle Cloud Infrastructure (OCI): IAM, Networking and Computing

Tools

- IDE: Visual Studio/Visual Studio Code, Eclipse, Visual Age, Visual Works, ST/MT, NetBeans
- Build Tools: Maven, Ant, NPM, Make, Monticello/Metacello, Gradle
- SCM: Git und Subversion, Visual SourceSafe, ENVY
- CI/CD: Hudson/Jenkins, Travis, GH Actions
- Containerisation: Docker and Kubernetes
- Atlassian Tools: JIRA, Confluence, Bitbucket including Administration
- ITSM: ServiceDesk, Bugzilla, OTRS, Redmine

Services, Processes und Solutions

- Business processes: KYC, AML, RiskProfiling/RiskAnalysis, CRITIS und regulations (BAIT/VAIT, …)
- Electronic signature: SignPOS
- Long-term archiving: InfoCert
- Document management: DocuWare and DATEV
- Various on-prem and SaaS Services: IDScan, Twilio, MailJet, ID3Global, WorldCompliance, Contentful, OpenAsApp, MetaCompliance, SwissGRC, …

Other

Soft Skills

- Problem-solving, patience, curiosity and openness
- Leadership and strategic thinking
- Critical but constructive feedback

Notable Achievements

- Rapid implementation and professional 24x7 operation of FWU's flagship digital solutions supported the growth of the FWU Group (most recently a total of 25 companies and approximately 500 employees worldwide)

- Participation in the merger and acquisition (M&A) process of two large companies, with a key role in the due diligence assessment for an acquisition

- The electronic signature with a remote signature solution (RSS) ensured stable business in Europe and the Middle East during the Corona lockdowns and led to a 99% acceptance of digital sales processes

- Own open-source contributions were recognized as valuable and preserved for posterity by the "Software Heritage Program" through INRIA (French national research institute for digital science and technology), also supported by UNESCO

- Lead and designed several cloud projects in Europe but also one for a leading insurance in Saudi Arabia

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