Résumé

My person

Name	Alexander Gesswein
Contact	eMail: hello@advery.one Website: www.advery.one
Residence	Malaga, Andalusia, Spain
Year of birth	1987
Nationality	German
Family status	Married and 4 kids
Languages	German (native), English (Read/Write: full professional proficiency, Verbal: fluent - partly business related)

Me „cheat sheet"
(no specific order)

Personality	Honest, loyal and faithfull	humorous	considerate but goal-oriented
	ambitious / think big	adaptable	forward-looking (Big Picture)
What drives me	Innovations	Smart AND Good Solutions	Continuous Advancement
Ad hoc Abilities	eCommerce	SQL-Databases	Web-Analytics
	IoT-Development	> 10 years Fulltime Remote-Work	Application-Development
	LLM-APIs	3D Printing	
Highly interested in	AI/ML	XR/Metaverse	
Suboptimalities	Money drives me too	too attached to work (at times)	Night-Owl

Professional education

03/2024 - now	Cervis GmbH – Fullstack – Senior Fullstack .NET Software-Developer

07/2022 - 02/2024	Feinripp Studios - Senior Techstack & Commerce Distribution Developer – Factual Lead of Development
09/2021 – 03/2023	Founder narrangee – Smellable Audiobooks
11/2011 – now	Self-employed Software Engineer / - Consultant
11/2014 – 10/2017	Werbeartikel Dresden – Batai & Bauernfeind GbR – adizz.de (Collaboration since 2011) – exclusively from homeoffice as Lead Software Engineer
09/2011 – 11/2014	IBS AG / Siemens AG (Höhr-Grenzhausen – Germany) as Technical Consultant / Software Engineer
01/2011 – 09/2011	VARIO Software GmbH (Neuwied – Germany) as Software Engineer
03/2010 – 01/2011	M/S VisuCom GmbH (Mühlheim-Kärlich – Germany) as Software Engineer
06/2009 – 03/2010	VARIO Software GmbH (Neuwied – Germany) as Software Engineer
08/2006 – 06/2009	• College – Berufsbildende Schule Carl-Benz, Koblenz • College – Apprenticeship as a Software Engineer VARIO Software GmbH (Neuwied - Germany)

Knowledge and interests

Courses / Internships	• edX - IBM: Computer Vision and Image Processing Fundamentals • Columbia University (ColumbiaX) Artificial Intelligence • Columbia University (ColumbiaX) Machine Learning • Datentechnik Wüst & Kuhn, Computer Engineer • Visuelle Kommunikation, Graphic Designer
Knowledge	• Programming languages: C#, Micropython, Javascript, PHP, SQL, Java, Object Pascal, CSS, HTML, C/C++, Perl, Python, SQL-WINDOWS • Technologies/Frameworks: Symfony, Vue.js, Twig, WebGL, Smarty Template-Engine, IoT, Firebird SQL, jQuery, SCSS, SOAP, AJAX, XML, MySQL, MS SQL Server, ORACLE Database,

	Delphi 5, Delphi 7, RAD Studio 2005, 2007, 2009, 2010, Visual Studio 2012, Selenium Webdriver, ImageMagick, MongoDB, TensorFlow
	• 3D: Blender
	• 3D Printing FDM/FFF/SLA, 3D Modeling, Slicer, Meshmixer
	• eCommerce-systems: WooCommerce ,Shopware, Shopify, xt:Commerce 3 & 4, Gambio, xt:Modified, VC Media, VC Shop (M/S VisuCom)
	• CRM/CMS: Wordpress, Joomla
	• ERP software (VARIO Software), CAQ (IBS CAQ=QSYS)
	• Bug-Tracking: Axosoft OnTime, osTicket, VARIO Software TiCare, Polaris Solutions ALM Polaris
	• Windows driver development (Final assignment of apprenticeship, interactive Whiteboard based on Nintendo Wii-Remotes)
	• Computer networks, Computers in general
	• Reporting-Tools (QuickReport, List&Label)
Base knowledge	• Programming languages: Assembler, Visual Basic
	• 3D: Autodesk Maya
	• Video editing: DaVinci Resolve 15
	• Image editing: GIMP, Adobe-Photoshop, Adobe-InDesign, Adobe-Illustrator
	• MS Office, Open Office
	• Virtualisation with VMWare and VirtualBox
	• AI / ML
	• Google Android, Windows Phone
	• Technologies/Frameworks: MongoDB, TensorFlow

Projects

The listed projects are just a selection of all projects I accomplished for all of my former employers or customers

World-wide website-relaunch and transition to new technologies for ASPECTA™ Flooring

Year	2022 – 2024

Company	Feinripp Studios
Technologies	Web (PHP, Wordpress, WooCommerce, Javascript etc.)
Description	The project was a world-wide website-relaunch for the global enterprise ASPECTA™ Flooring. I owned the role as the technical and architectural lead of the development department. The projects scope was/is a completely new website with extensive custom code parts, Room-Visualizer, multilinguality, Cloudflare, Fullfilment-Partner Portal. It's an ongoing project with new functionalities coming. For example a customized Chat-Bot with extended abilities (Checkout etc.), XR-Technologies and further usage of AI-Technologies (Predictions and more). ASPECTA™s strategic plan after the very successful cooperation in realizing and releasing the website-relaunch is now to become the technological leader in this sector by leveraging cutting-edge technology.

Several projects mostly webbased

Year	2011 - now
Company	self-employment
Technologies	PHP, Symfony, Vue.js, MySQL, MariaDB, Javascript, jQuery, ImageMagick, HTML, CSS (SCSS), AJAX, SOAP, xt:Commerce Veyton, Gambio GX2, Shopware, Wordpress, C# .NET etc.

Planning and implementation of various software solutions for business process automation

Year	2011 – now
Company	self-employment
Technologies	C#, Firebird SQL, Selenium Webdriver, etc.
Description	I implemented many software solutions with the goal to automate as many as possible business processes. For example solutions to synchronize all important product details (such as stocks, prices, images) with the online portals of their individiual suppliers. Another solution is used as a central intelligence, control and administration tool (CIA) for all business processes (e. g. Approval process of print previews inclusively transfer to factory; triggering of internal alert mails; placing orders with suppliers etc.).

Planning and development of a Realtime Monitoring Tool of measurement data (Quality Management)

Year	2013
Company	IBS AG / Siemens AG - Germany
Technologies	C#; ORACLE Database
Description	The tool monitors and analyzes daily millions of recorded measurement data through algorithms in realtime. If the measured data shows critical development or deviation a visual alarm will be triggered.

Planning and development of a semi-automatic installation tool for the IBS CAQ=QSYS software

Year	2012 - 2014
Company	IBS AG / Siemens AG - Germany
Technologies	C#; ORACLE Database; MS SQL-Server
Description	Planned as an internal installation tool for our service engineers it has grown to such a handy and mighty tool it's in the meantime even used by enterprise customers too.

Lead developer of an ERP<>Webshop-Interface

Year	2010; 2011
Company	VARIO Softwareentwicklung GmbH - Germany
Technologies	PHP; Delphi 2005; Firebird SQL; MySQL; SOAP; xt:Commerce 3, 4, Gambio, Magento
Description	The interfaces for different shops are working with SOAP-Requests and FTP-File-Transfer. The interfaces are syncing data between the webshop systems and the inhouse ERP-System (incoming orders, order status, addresses, products, stocks, prices etc.).

Dynamic XML-Import - Interface

Year	2010
Company	M/S VisuCom GmbH - Germany
Technologies	Perl, MySQL, XML, HTML, Javascript
Description	For a customers order I realized a dynamic XML-Import interface which is capable of importing product data as well as data for the product configurator on their

website.

Final assignment apprenticeship: Interactive whiteboard

Year	2009
Company	VARIO Softwareentwicklung GmbH - Germany
Technologies	Delphi 7; Windows Driver Development; Infrared camera (Nintendo Wii Remote); Bluetooth
Description	My final assignment comprised the planning, documentation and realization of an interactive whiteboard. The whiteboard worked as follows. A projector shows the PC screen on the wall and a infrared camera (Nintendo Wii Remote) observes the area for a bright infrared light source. If a bright light source is spotted within the projectors image the position for the mouse cursor will be calculated and the cursor gets positioned. The bright infrared light source was realized with a pen which got an infrared LED at the tip.

Planning and development of a new bug tracker software

Year	2008
Company	VARIO Softwareentwicklung GmbH – Germany
Technologies	Delphi 2005; Firebird SQL
Description	Planning and realization of a bug tracker software.

Planing and development of a new client software for the telephone system Asterix

Year	2007 - 2008
Company	VARIO Softwareentwicklung GmbH - Germany
Technologies	Delphi 7; Firebird SQL
Description	Planing and realization of a new client software for the telephone system Asterix. The client was able to show incoming and outgoing connections as well as to take over calls, dial numbers and a internal chat functionality.

Development and maintenance of ERP-Software

Year	2006 - 2010
Company	VARIO Softwareentwicklung GmbH - Germany

Technologies	Delphi 5, 7, 2005; Firebird SQL
Description	The development and maintenance tasks consisted of either planning and realization of customers requirements as of general advancements and interfaces like Import-Export, implementing parcel carrier interfaces and webshop replication interface).