

# CV

Particulars		
	<u>Name</u>	Jürgen Roth
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	<u>Date of Birth</u>	November 28th 1967
	<u>Nationality</u>	German
	<u>Linked In</u>	<a href="#">My LinkedIn</a>

IT- Skills	
	<p><u>Applied Programming Languages:</u></p> <ul style="list-style-type: none"><li>▪ C#</li><li>▪ HTML5 / CSS3</li><li>▪ JavaScript / TypeScript</li><li>▪ SQL</li><li>▪ C++</li><li>▪ Java</li><li>▪ C</li><li>▪ Delphi</li><li>▪ STEP5/STEP7</li></ul> <p><u>Applied SW-Technologies and Frameworks:</u></p> <ul style="list-style-type: none"><li>▪ WPF / XAML / ASP.NET / MVC 5 / .NET Core</li><li>▪ Entity Framework Core</li><li>▪ LINQ</li><li>▪ MS SQL Server</li><li>▪ Design Patterns / UML</li><li>▪ Angular, Bootstrap, jQuery, Knockout, d3, i18Next, Galleria</li><li>▪ Apache Cordova</li><li>▪ IIS</li><li>▪ Windows Forms</li><li>▪ Oracle DBMS</li><li>▪ XML</li><li>▪ COM / ActiveX / OLE</li><li>▪ JDBC</li></ul> <p><u>SW-Development Environment:</u></p> <ul style="list-style-type: none"><li>▪ Microsoft Azure DevOps Server</li><li>▪ TFS</li><li>▪ Git &amp; Git Flow</li><li>▪ Jira</li><li>▪ Confluence</li><li>▪ Bitbucket</li><li>▪ SQL Server Management Studio</li><li>▪ Expression Blend</li><li>▪ Embarcadero RAD Studio</li><li>▪ Eclipse</li><li>▪ Rational Rose Professional</li><li>▪ Sparx Enterprise Architect</li></ul>

Work Experience	
01.2023-Present	<p><b>Nagarro GmbH</b></p> <p>Senior Consultant / Architect .NET</p> <ul style="list-style-type: none"> <li>• Implementation and Maintenance of multiple Web Applications and REST API's for clients in the automotive industry</li> <li>• Responsible for code quality and process improvements of the development team</li> </ul>
04.2017- 01.2023	<p><b>Deloitte Tax &amp; Consulting S.A.R.L.</b> <b>2300 Employees</b></p> <p>Architect / Team Leader Capital Market &amp; Manager Digital Factory</p> <ul style="list-style-type: none"> <li>• Creating a new architecture for existing ETL applications</li> <li>• Educate and develop team members as a manager</li> <li>• Implementation of ETL risk reporting applications following the Solvency II et PRIIPS regulations using ASP.NET MVC 5</li> <li>• Implementation of a new WPF application to create ETL profiles</li> <li>• Transforming the team's workflow to a CI/CD approach with a devops engineer</li> </ul>
11.2016-03.2017	<p><b>Aubay IT &amp; Services</b> <b>1500 Employees</b></p> <p>Senior Consultant .NET in behalf of Deloitte Luxembourg/Capital Markets</p> <ul style="list-style-type: none"> <li>• Implementation of multiple ETL modules for the client Deloitte Tax &amp; Consulting Luxembourg.</li> </ul>
06.2015-10.2016	<p><b>Editus S.A.</b> <b>120 Employees</b></p> <p><u>WinRT Mobile Applications (C#/Xaml)</u></p> <ul style="list-style-type: none"> <li>• <u>Development of a Windows Store app "Bon de Commande Electronique" for PC and tablet for Windows 10 using WinRT et MVVM/Prism.</u></li> </ul> <p><u>ASP.NET / WCF/ C#</u></p> <ul style="list-style-type: none"> <li>• <u>Development of a ASP.NET application for transferring advertisements to the homepage of the enterprise and later on migration of the application to a WCF service.</u></li> </ul>
06.2014-05.2015	<p><b>Independent Work in the Following Smart Phone Projects:</b></p> <p><u>Windows Phone (WPF WinRT, XAML)</u></p> <ul style="list-style-type: none"> <li>▪ <a href="http://www.windowsphone.com/de-de/store/app/weight-diary/1f092da8-c784-4a6c-a005-f9552a22cde2">http://www.windowsphone.com/de-de/store/app/weight-diary/1f092da8-c784-4a6c-a005-f9552a22cde2</a></li> <li>▪ <a href="http://apps.microsoft.com/windows/app/weight-diary/b74c8788-237c-4480-88cc-baebbd926086">http://apps.microsoft.com/windows/app/weight-diary/b74c8788-237c-4480-88cc-baebbd926086</a></li> </ul> <p><u>Apache Cordova (HTML5, CSS3, JavaScript, Typescript)</u></p> <ul style="list-style-type: none"> <li>▪ <a href="https://play.google.com/store/apps/details?id=com.ht.weightdiary">https://play.google.com/store/apps/details?id=com.ht.weightdiary</a></li> <li>▪ <a href="https://itunes.apple.com/us/app/weight-diary-photo/id963575251?l=de&amp;ls=1&amp;mt=8">https://itunes.apple.com/us/app/weight-diary-photo/id963575251?l=de&amp;ls=1&amp;mt=8</a></li> </ul>

<p><b>08.2011-31.05.2014</b></p>	<p><b>RESA Systems GmbH</b>  <b>200 Employees</b></p> <p><u>Development of the Following Software Modules in C# and WPF by Order of the Client:</u></p> <ul style="list-style-type: none"> <li>▪ Production control and visualization of the industrial manufacturing of spectacles by the order of the Fielmann GmbH</li> <li>▪ Logistic software for the production of the compact car SMART BR 453</li> <li>▪ „Pick by Light“ systems by order of the Ford AG for the plants Cologne and Saarlouis</li> </ul> <p><u>Further Development of the Standard Software Modules Used by the Company for Developing New Logistic Systems Including:</u></p> <ul style="list-style-type: none"> <li>▪ Developing of a tool for putting plants into operation using WPF, XAML and the MVVM pattern</li> <li>▪ TCP/IP and FTP communication classes</li> <li>▪ DB connect interfaces for Oracle and MS SQL Server</li> <li>▪ XML framework for thread safe configuration objects</li> </ul>
<p><b>11.2009 – 07.2011:</b></p>	<p><b>Plancal Service &amp; Entwicklung GmbH</b>  <b>Software Solutions for Building Technologies</b>  <b>120 employees</b></p> <p><u>Development of the Following Packages for the Product Plancal Nova in C#/WPF:</u></p> <ul style="list-style-type: none"> <li>▪ Module for planning and calculation of electrical installations in the building technology</li> </ul> <p><u>Development of the Following Packages for the Product Plancal Nova in C++:</u></p> <ul style="list-style-type: none"> <li>▪ Import of AutoCAD dwg-files</li> <li>▪ Import and export of dwf-files by Open Alliance CAD kernel</li> <li>▪ Export of AutoCAD-dimensioning into the dwg-format</li> <li>▪ Calculation of U-Values from layered walls</li> </ul>

<p><b>08.2000 – 09.2009:</b></p>	<p><b>Mahr Multisensor GmbH</b>  <b>Manufacturer of 3D Coordinate Measure Machines</b>  <b>60 employees</b></p> <p><u>Responsible for Advisory Service in Design Questions and Project Development in C++/C# Concerning</u></p> <ul style="list-style-type: none"> <li>▪ Architecture of MarCAD 3D and design of the user-interface of the product</li> <li>▪ Search and selection of software design- and roundtrip engineering tools</li> <li>▪ Advice of the software development department in applying these tools</li> <li>▪ Coordination of the internal teamwork and external SW providers</li> <li>▪ Education and support of clients using "MarCAD 3D" in German, English and French language</li> </ul> <p><u>Project Management of a 3D Simulation of Measuring Machines</u></p> <ul style="list-style-type: none"> <li>▪ Functional and requirement specification with the client</li> <li>▪ Outsourcing of the project</li> <li>▪ Monitoring of the project progress</li> </ul> <p><u>Development of CAD-,CNC and Image Processing Modules in C++/C#</u></p> <ul style="list-style-type: none"> <li>▪ Design and implementation of a CAD based programming system that generates automatically measure programs using the open source "Opencascade" CAD kernel</li> <li>▪ Design and implementation of an interfaces connecting "Mahr High End Control" and client</li> <li>▪ Development of an OLE server and integration into the main application based on ACIS CAD kernel</li> <li>▪ Development of a frame grabber interfaces and integration into the image processing module of the main application</li> </ul>
<p><b>04.1997 - 07.2000:</b></p>	<p><b>PSB Materialfluss und Logistik GmbH</b>  <b>350 employees</b></p> <p><u>Software Development in Java and Oracle-SQL</u></p> <ul style="list-style-type: none"> <li>▪ Project specific implementation of graphical user interfaces for "PSB Selektion"</li> <li>▪ Client specific configuration of the Oracle DBMS and connection to the SAP system</li> <li>▪ Commissioning of the written software and education of clients</li> </ul> <p><u>Software Development of Programmable Logic Controllers (PLC)</u></p> <ul style="list-style-type: none"> <li>▪ Implementation and commissioning on Siemens S7 PLC</li> <li>▪ Project planning of ethernet networks on PLC level</li> </ul>

<p><b>12.1995 - 03.1997:</b></p>	<p><b>Allevard Federn GmbH</b>  <b>400 employees</b></p> <p><u>Electromechanical Maintenance</u></p> <ul style="list-style-type: none"> <li>▪ Programming of new asset parts and integration into the existing system</li> <li>▪ Managerial responsibility for the work staff of the electro mechanic maintenance department</li> <li>▪ Report to the company management in case of disturbance and suggestion of solutions to avoid them in future</li> </ul>
<p><b>Education</b></p>	
<p>1992 – 1995:</p>	<p>Studies of electrical engineering on the „Hochschule für Technik und Wirtschaft des Saarlandes“</p>
<p>1990 – 1992:</p>	<p>Studies of electrical engineering on the “Fachhochschule Würzburg/Schweinfurt “</p>
<p>1989 – 1990:</p>	<p>Basic military service</p>
<p>1987 – 1989:</p>	<p>Technical college electrical engineering</p>
<p>1978 – 1987:</p>	<p>Grammar school</p>
<p>1974 – 1978:</p>	<p>Primary school</p>

Further Education	
	<p><u>Certificates:</u></p> <ul style="list-style-type: none"> <li>▪ MCSD: App Builder</li> <li>▪ MCSA: Universal Windows Platform</li> <li>▪ MCP: Microsoft Certified Professional</li> <li>▪ Microsoft Specialist: Programming in C#</li> <li>▪ Microsoft Exam 70-483</li> <li>▪ Microsoft Exam 70-357</li> <li>▪ Microsoft Exam 70-355</li> <li>▪ Microsoft Exam 70-354</li> </ul> <p><u>Software Trainings:</u></p> <ul style="list-style-type: none"> <li>▪ Mastering COM Development using MS Visual C++</li> <li>▪ Fundamentals OpenCASCADE training session</li> <li>▪ Fundamentals using ACIS CAO Kernel with C++</li> <li>▪ Workshop JDBC with Oracle 8.i</li> <li>▪ SIMATIC S5 basic course</li> </ul> <p><u>Miscellaneous Topics:</u></p> <ul style="list-style-type: none"> <li>▪ Deloitte Manager Milestone Program</li> <li>▪ Language Course French with certification level B2</li> <li>▪ Intensive Course Business English</li> <li>▪ Foundation Praxis Seminar FMEA</li> <li>▪ Course of Advanced Economic Science for Natural Scientists and Engineers</li> </ul>
Language Skills	
	<p><u>German:</u></p> <ul style="list-style-type: none"> <li>▪ Native language</li> </ul> <p><u>English:</u></p> <ul style="list-style-type: none"> <li>▪ Fluent in spoken and written language</li> </ul> <p><u>French:</u></p> <ul style="list-style-type: none"> <li>▪ Fluent in spoken and written language</li> </ul>