

Personal data

Name	Wick, René
Address	Friedenheimer Str. 18 80687 Munich Germany
Phone	+49 177 4742334
Email	kontakt@rene-wick.de
Website	www.rene-wick.de
Nationality	German
Date of Birth	September 19, 1977
Languages	German: Native English: Working proficiency Russian: Elementary proficiency Czech: Elementary proficiency

At a glance

Three top arguments	<ol style="list-style-type: none">1. More than 15 years of experience in full-stack development (front-end and back-end), testing and maintenance of enterprise software2. In-depth practical knowledge of the full-cycle software development (analysis, design, implementation, integration, testing, maintenance)3. High customer satisfaction through quality and responsibility
Executive Summary	<ul style="list-style-type: none">• Senior developer with a focus on JavaScript and C#• Building high-quality and high-performance applications in the web and Windows area• Consultation in software architecture and technology issues
Unique selling point	<ul style="list-style-type: none">• Development of individual, high-quality, maintainable IT solutions, even for complex tasks
Technical focus	<ul style="list-style-type: none">• JavaScript, C#, ASP .NET
Functions	<ul style="list-style-type: none">• Developer, architect and consultant - in one person and separately
Professional background	<ul style="list-style-type: none">• Study: Computer Science at Munich University of Applied Sciences• Thesis: „Designing and developing a web application by means of the Spring Framework using the example of a browser game“• Degree: Engineer's degree (Diplom)• Applied skills: Java EE, Spring, Hibernate, JSP, JSTL, JavaScript, HTML, CSS, XML, PostgreSQL, Tomcat, Apache
Project languages	<ul style="list-style-type: none">• Training as a banker at Landesbank Berlin• Degree: IHK certificate• German and English• Intercultural team experience

Skills in detail

Legend: +++ Very experienced ++ Experienced + Basic knowledge

Project experience	Up to 15 people, international, focus on business-critical applications	
Agile Methodologies	Scrum, Lean Software Development (LSD), Extreme Programming (XP), Continuous Integration (CI)	++
Roles experience	Developer (preferred)	+++
	Architect (preferably in combination with development)	++
	Technical manager	++
	Consultant	++
Architecture pattern	Client-Server	+++
	Model-View-Controller, Dependency-Injection	++
Programming languages	C#, JavaScript	+++
Other languages / Methods / Standards / Interfaces	DOM, HTML, CSS2, JSON, AJAX, REST, OData, OWIN	+++
	XML, XSLT, XPath, Regular Expressions	+++
	ES6, CSS3, HTML5, SVG, TypeScript, LESS, SASS	++
Frameworks / SDKs / Object models	.NET	+++
	ASP .NET (MVC), Entity Framework , WCF, Web API	++
	Node.js, AngularJS, Bootstrap, jQuery, SAPUI5/Fiori	++
	Electron, Gulp, Grunt, Highcharts, docxtemplater	++
	nvd3, ag-grid, fullcalendar	++
	Mocha, Spectron, Chai, Microsoft Unit Test Framework	+
Relevant database knowledge	NeDB (MongoDB)	++
	SQL	+
Relevant additional infrastructure knowledge	Windows Client and Server	++
	TCP/IP, LAN/WAN, Intranet/Internet, IIS	++
Other tools	Visual Studio, WebStorm, SAP Web IDE	+++
	Browser Developer Tools	++
	SVN, TortoiseSVN, TFS, Git	++
Personal qualities	<ul style="list-style-type: none"> • Analytical skills • Ability to penetrate complex interrelationships • Quick grasp • Structured and goal oriented working style • High quality standards • High sense of responsibility • High social competence 	

Current project selection (since 2012)

No.	1
Project	Further development of a SAPUI5/Fiori-based customer portal
Function	Developer, Consultant
Sector	Service Provider
Period	02/2018 - 01/2019
Short description	<p>As part of a project, a customer portal for an existing SAP ERP / CRM system was further developed to provide SAP transactions for different use cases in the browser (Responsive). These included, for example, the commissioning of various services with status tracking as well as the provision and exchange of documents including visualization via a dashboard.</p> <p>The technology used was SAPUI5 / Fiori. SAPUI5 is an MV* framework similar to AngularJS. It's the HTML5 and JavaScript-based front-end technology from SAP that creates Fiori apps.</p> <p>My duties included, above all, UI development combined with coaching of internal developers and consulting. I was responsible for the development / evolution of a complex custom control, which was used in almost any Fiori app.</p>
Applied skills	SAPUI5/Fiori, JavaScript, jQuery, CSS, XML, HTML5, Grunt, ABAP, Scrum
Challenge	Browser compatibility, ensuring the functionality of the custom control in all apps
No.	2
Project	Development of a booking system
Function	Developer, Consultant
Sector	Medical Technology
Period	08/2017 - 01/2018
Short description	<p>Within the scope of a project, a booking system was developed for demo presentations in the laboratory. It includes a user administration, the booking process, the managing of bookings, an administrative section, and a reporting.</p> <p>In terms of technologies AngularJS 1.6 with TypeScript was used on the client side and ASP.NET MVC with C# on the server side.</p> <p>My tasks included the development of the frontend as well as the backend development combined with consultation. I was mainly responsible for the development of new features such as the reporting.</p> <p>Further requirements included code stabilisation and refactoring.</p>
Applied skills	AngularJS 1.6, Node.js, nvd3, ag-grid, fullcalendar, jQuery, Bootstrap, SASS, CSS, JSON, HTML5, Gulp, JavaScript, TypeScript, C#, ASP.NET MVC, Web API, OWIN, REST, Entity Framework, SQL, Scrum, Unit-Tests, Integration-Tests
Challenge	Ungerboeck-API, Multilingualism, difficulty with time zones

No.	3
Project	Development of a SAPUI5/Fiori-based customer portal
Function	Developer, Consultant
Sector	Service Provider
Period	03/2017 - 07/2017
Short description	<p>A customer portal for an existing SAP ERP/CRM system was developed within the course of a project to provide SAP transactions for various use cases. For example, these include the commissioning of various services with status tracking, preparation of documents as well as a support view for administrative activities.</p> <p>SAPUI5/Fiori came to be used as a technology. SAPUI5 is an MV* framework, similar to AngularJS. It is the HTML5 and JavaScript-based front-end technology from SAP, with which Fiori apps are created. My tasks included UI development combined with consulting. I was responsible for the development/further development of the registration/log-on application, user administration and messaging (error handling, dialogues, etc.). Furthermore, I integrated the invisible reCAPTCHA from Google.</p> <p>Other requirements included code stabilization and refactoring.</p>
Applied skills	SAPUI5/Fiori, JavaScript, jQuery, CSS, XML, HTML5, Grunt, ABAP, Scrum
Challenge	Scope of the SAPUI5 framework, browser compatibility, new customer requirements
No.	4
Project	Development of a JavaScript-based consultancy app that also has the ability to be used offline
Function	Developer (Lead Developer), Architect, Consultant
Sector	Insurance
Period	01/2017 – 03/2017
Short description	<p>A responsive JavaScript-based single page application was developed as part of a project, with help from AngularJS and Bootstrap.</p> <p>My tasks were mostly involved with development, although this was also in combination with the construction and consultancy for the app.</p> <p>A requisite of the app, among others, was that it had to be possible for the app to be used offline, which is why by using Electron, the app is compatible for usage on a desktop.</p> <p>In order to manage the data, a JavaScript database called NeDB, which has similarities to MongoDB, was implemented.</p> <p>Along with various different formulas, all dependent on one another, there were also some Wizards and visual representations of data using Highcharts included.</p>
Applied skills	JavaScript ES6, Electron, Node.js, AngularJS 1.6, jQuery, NeDB, Bootstrap, LESS, HTML5, CSS3, Gulp, Highcharts, Mocha, Spectron, Chai, Git, docxtemplater
Challenge	Lack of time, adherence of the design specifications through the insurance, Print-Output in DOCX-Format

No.	5
Project	Validation of the data received at the BiPRO interface
Function	Developer (Lead Developer), Architect, Consultant
Sector	Insurance
Period	10/2016 - 12/2016
Short description	<p>In the context of a project, a validation system was developed, which fully checks the data received at the BiPRO interface on the basis of the rules laid down there.</p> <p>One of my tasks was development combined with architecture and consulting. I was responsible for the implementation and the optimization. So far the data was validated on the client side by JavaScript and on server side via C#. This required double maintenance of the validation code. The customer, therefore, wanted the validation on the server side to be performed via JavaScript.</p> <p>To do this, a JavaScript runtime engine was integrated into the existing C# application that can run JavaScript code at runtime and exchange data between the JavaScript and C# world. In order to switch between different engines (V8, Chakra etc.), I also built in a JavaScript Engine Switcher.</p>
Applied skills	C#, ASP .NET MVC, JavaScript, JSON, XML, XSLT, REST, SOAP, WCF, Spring .NET, Continuous Integration
Challenge	Memory usage, performance, thread-safety
No.	6
Project	Parantel Leave
Function	Father, Supporter
Sector	
Period	07/2016 - 09/2016
Short description	<p>As part of a project new life was created. On August 17, my daughter was born.</p> <p>I was responsible for the support of my wife before and after birth, as well as for the fulfillment of my fatherly duties.</p> <p>These included household activities, wrapping, hours of "daughter in my arms hold" and singing "Goodnight songs".</p>
Applied skills	Perseverance, Love
Challenge	Every day new challenges
No.	7
Project	Porting / Development of a Lotus Notes-based access management application
Function	Consultant, Architect
Sector	Insurance
Period	06/2016 - 06/2016
Short description	<p>As part of a project the existing Lotus Notes access management application had to be ported / re-implemented, tested, fully documented and fully functional passed. Functions of the old application should remain largely intact and these functions are also supplemented by additional functions. A web based solution was desired.</p>

In addition, a short preliminary study was required, stating the basis on which the application can be developed for the future and with the desired scope of services (SharePoint, ASP.NET + SQL, other).

I was responsible for analysis, planning, design, documentation and subsequent implementation of customer requirements.

To accomplish the task, I first made a request for analysis. As a result, a specification was created. This in turn formed the basis for which I also created specifications including cost estimation.

Since the project was stopped by the customer, it did not come to implement.

Applied skills

C#, SharePoint, ASP .NET , JavaScript, HTML, ASPX, SharePoint-Designer

Challenge

Configurability and adaptability of the application by non-developers

No.

8

Project

Adaptation of an existing SharePoint application

Function

Consultant, Developer

Sector

Insurance

Period

05/2016 - 05/2016

Short description

Within a short project an existing SharePoint 2007 application should be adjusted.

My tasks included in addition to consulting, the development of convenience features such as validators, filtered views, workflows, dashboards using Excel Services, etc. to facilitate the work of the customer and to minimize errors. In addition, I moved the SharePoint site and set an automatic forwarding.

Applied skills

SharePoint, JavaScript, HTML, ASPX, SharePoint-Designer

Challenge

Different non-changeable language settings on source and target SharePoint system

No.

9

Project

Developing a web-based, internationally utilized document management system

Function

Developer, Architect, Technical manager, Tester, Reviewer, Consultant

Sector

Banks

Period

04/2006 - 03/2016

Short description

A web-based document management system based on SharePoint 2007 was developed as part of a project.

The goal was to replace the system that had been locally installed up to that point.

My tasks were mainly the consulting, the technical management and the development. At the same time, I was responsible for planning, conception, implementation, and continuous development and optimization.

The system consists of a client component and a server component. The client is mainly realized through JavaScript and uses a REST-based approach. The tree view, which I developed, is generated using XSLT. The server side consists of a SharePoint web part (C#) and a number of ASPX

pages.

It was emphasized that the loading times, server requests, and quantities of data transferred are as low as possible. In addition, user actions are supposed to be carried out without a noticeable delay. A number of minimization, compression, and caching mechanisms have been developed to realize this.

Key features: tree view including navigation, configurable caller types, editorial system with create; copy; move; and delete functions, incremental search, favorites, history, releases, offline functionality, context menu

Applied skills

C#, ASP .NET, SharePoint, JavaScript, HTML, CSS, XML, XSLT, XPath, JSON, AJAX, REST, MHTML, COM, Node.js, npm, JSDoc

Challenge

Business-critical application, Multi-server, Multisession (> 20.000 active users), Worldwide access (> 10.000 hits/day, > 15.000 searches/day), Heterogeneous computer environment, Supporting all versions of Internet Explorer

No.

10

Project

Maintaining and expanding a web-based product catalog

Function

Developer, Tester, Reviewer

Sector

Banks

Period

09/2012 - 03/2016

Short description

An existing web-based product catalog based on SharePoint 2010 was adopted as part of a project.

I was responsible for taking care of the application and the implementation of new customer requirements.

Apart from customizing various forms (C#, JavaScript, CSS), my tasks also included cloning and adapting the project for another customer.

In addition, I continued to update the documentation and the PowerShell script for the deployment process.

Applied skills

C#, SharePoint, JavaScript, HTML, CSS, jQuery, ASP .NET, PowerShell

Challenge

No.

11

Project

Developing an application for finding tables on websites

Function

Developer, Architect, Tester

Sector

Period

10/2013 – 12/2014 (in my free time)

Short description

The goal of the application was to find table-like structures on any HTML website (no Flash or Silverlight) and to extract data from them.

I was responsible for the planning, conception, and implementation.

There is no 100% solution for this task, since the complexity (how HTML pages can be implemented) is too great. Nevertheless, I managed to develop an application (C#, MSHTML) that finds performant "tables" on a variety of websites and reliably filters out the data.

Applied skills

C#, WPF, WebBrowser-Control, MSHTML

Challenge

Variety of possibilities to implement table-like structures on a website

No.	12
Project	Adjusting a web-based document management system by eliminating ASPX pages
Function	Developer, Tester
Sector	Banks
Period	06/2014 - 09/2014
Short description	<p>The goal of the adjustment was to eliminate the editorial system's existing ASPX pages and replace them with web forms.</p> <p>I was responsible for the planning, conception, and implementation of the new forms (JavaScript, CSS) and the adjustment of the back-end system (C#).</p> <p>This resulted not only in a visual benefit, but also in increased performance and better maintainability.</p>
Applied skills	C#, ASP .NET, SharePoint, JavaScript, HTML, CSS, XML, AJAX
Challenge	Supporting all versions of Internet Explorer
No.	13
Project	Adjusting a web-based document management system for Internet Explorer 11
Function	Developer, Tester
Sector	Banks
Period	03/2014 - 06/2014
Short description	<p>The goal of the adjustment was to prepare the application for the rollout of Internet Explorer 11.</p> <p>I was responsible for development (JavaScript, CSS) and testing.</p> <p>The main challenges were first, making the direct leap from IE 8 to IE 11, and second, providing additional support for IE versions 6 through 10. Specific Internet Explorer functions had to be rewritten in the process. The requirement was for the application to visually look the same in all versions of IE at the end of the conversion, and for it to behave with similar performance.</p>
Applied skills	JavaScript, HTML, CSS
Challenge	Supporting all versions of Internet Explorer
No.	14
Project	Expanding and adjusting a web-based document management system to include a SignPad feature
Function	Developer, Architect, Technical manager, Consultant, Tester
Sector	Banks
Period	03/2012 - 06/2013
Short description	<p>The goal of this project was the extension of a document management system with a SignPad function that allows the opening, filling out, checking, digital signing and archiving of PDF forms as well as post-processing in the back office via SharePoint Views.</p> <p>I was responsible for the consulting, planning, conception, and implementation.</p>

For loading and signing the PDF document I developed a separate call type (JavaScript) and an ASPX page (ASP .NET, C#, JavaScript, CSS), which displays a PDF form in the COM-Control of the SignPad manufacturer. Filling out and signing a form was implemented using the SignPad API and thereby the prefilling of form fields and a configurable consistency check of the field contents were realized. A REST-based solution was chosen to load signed forms together with form- and user-related metadata to the SharePoint server and archive them there.

I developed an additional ASPX page (ASP .NET, C#, JavaScript, CSS) for editors of the signed PDF documents, which made it possible to provide the document with additional meta-information, and to retain the processing status.

Applied skills

C#, ASP .NET, SharePoint, JavaScript, HTML, CSS, XML, AJAX, REST, XSLT, COM

Challenge

Business-critical, COM add-in integration

Further information on request