



Karsten Held

C#/Web Developer
SharePoint Specialist
Freelancer & Contractor

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Personal Profile

An enthusiastic, energetic and hard working developer who is able to design complex business solutions using Microsoft SharePoint and Office platforms. Experience in data integration and cross-platform projects using web-based APIs. Possessing extensive knowledge of fund management and trading processes. 15 years experience in designing and programming business applications with focus on usability and performance. Profound knowledge of web design and development. Top Excel expert and front-end designer. Always willing to learn new state-of-the-art open source frameworks and cross-platform technologies to achieve first-class modern solutions.

I'm looking for work as a freelancer/contractor in SharePoint, .NET and web application development projects from Apr 2018.

Areas of expertise

- Designing Mid- to large-scale intranet solutions using Microsoft SharePoint
- Business Automatization Solutions
- Intranet & Web development
- Office 365 Apps & Add-Ins
- SharePoint Apps/WebParts
- WinForms, WPF, XAML
- Excel Tools & Prototypes
- HTML5, JavaScript, CSS3
- iOS/Android HTML5 Apps
- Bootstrap, Angular, KO
- Bloomberg/Reuters API

Career History



SEP 2016 – NOW

Contractor: SharePoint 2013 Solutions and C#/.NET Development

- 2017 SharePoint 2013 Solution for IT Security Self-Assessment with Reporting and Data Import/Export for [Deutsche Post AG / DHDHL](#), Bonn
- 2017 Backend Performance Optimierung (ASP.NET, C#, nHibernate, SQLServer) für [API Automotive](#)
- 2016 - 2017 SharePoint 2013 Entwicklung: Branding, UI/WebParts mit JSLink, Provider Hosted App (CSOM, ASP.NET, MVC5, SP Powershell) für [T-Systems / Telekom](#), Bonn

JAN 2015 – AUG 2016

Freelancer & Contractor: SharePoint Intranet Projects for [M-Events](#), [AUC](#), [GEOMAGIC](#)

- 2015 - 2016 Office 365 Introduction, Migration/Integration SharePoint 2013 and SharePoint Online
- 2016 Automated Onboarding of short-term employees using SharePoint, Dropbox and Excel Online.
- 2015 - 2016 M-OnSite: Custom mobile app for iOS and Android with SharePoint Online backend.
- 2015: Project management, accounting solutions with SharePoint (forms, lists, workflows, Excel).

JAN 2013 – DEC 2014

Freelancer & Contractor

- Development of [Excel-based Time Tracking Solution](#) for [WhizzyTools](#).
- Development of [DesktopTracker](#) Monitoring-Tool in Java for Avalain, Budapest.

JUL 2012 – DEC 2012

Project Manager at [Communardo Software GmbH](#), Dresden

- Intranet-Solutions with SharePoint 2013 for [Axel Springer AG](#) and [Voestalpine Group](#).

NOV 2008 – MAY 2012

Freelancer

- 2008 - 2012 Web-Development and Softwaretools for [Bencer](#), Shanghai and [Osyon GmbH](#), Berlin

JAN 2001 – AUG 2008

Developer, Junior Fonds-Manager, IT Project Manager bei [Vescore Solutions AG](#)

- 2006 - 2008 Development of central Asset Management Infrastructure (C#, VBA, Excel, Bloomberg)
- 2004 - 2006 Management of three globally investing Funds (Value, Private Equity)
- 2001 - 2004 Development of Web-Apps and Tools (Java, Swing, C#, WinForms, SOAP)

MAR 2000 – DEC 2000

Software Developer at [Dr. Grob & Partner AG](#), Winterthur

- Design and prototyping of a bridge and tunnel management system (Visual Basic 6, ORACLE)

Education

MCP Exams 2013 – 2015

- Exam 331: Core Technologies for Microsoft SharePoint Server 2013
- Exam 486: Developing ASP.NET MVC Web Applications
- Exam 480: Programming in HTML5 with Javascript and CSS3
- Exam 488: Developing Microsoft SharePoint Server 2013 Core Solutions

OCT 1994 – FEB 2000

Master of Civil Engineering (Dipl.-Ing) at [Bauhaus-University Weimar](#)

OCT 1997 – FEB 2000

Media Design at [Bauhaus-University Weimar](#) without degree.

LANGUAGES

German, English, Hungarian



Karsten Held

Factsheet

Visit www.karstenheld.com for a detailed list of projects, customers and screenshots.

C# (VisualStudio)	<input type="checkbox"/> Expert	MS Office Apps, VSTO, VBA	<input type="checkbox"/> Expert	HTML5, CSS3, MVC4	<input type="checkbox"/> Advanced
JavaScript	<input type="checkbox"/> Advanced	MS SharePoint	<input type="checkbox"/> Expert	WPF, XAML	<input type="checkbox"/> Advanced
Java	<input type="checkbox"/> Advanced	Bloomberg API	<input type="checkbox"/> Advanced	Angular, Bootstrap	<input type="checkbox"/> Advanced
VBA	<input type="checkbox"/> Expert	MS SQL Server	<input type="checkbox"/> Basic	WinForms	<input type="checkbox"/> Expert

Technology Experience

Programming Languages and Environments

- C#, VB.NET, VBA, Powershell
- Java
- JavaScript (EC6), Coffeescript
- Node.js
- Autolt, Lua

Backend Technologies

- JSON
- RESTful APIs
- OData, OAuth 2.0
- CORS
- SOAP Web Services

Databases

- SQL Server, SQL Azure
- MySQL
- Cassandra
- MS Access
- Firebase, Built.io

Custom Backends & APIs

- SharePoint REST/CSOM API
- SharePoint CAML
- Dropbox REST API (V2)
- Bloomberg COM API
- Reuters COM API
- Datastream SOAP API
- Built.io REST/JS API
- Google/Yahoo Finance REST

.NET Technologies & Concepts

- WPF4, XAML
- WCF, WWF4
- ADO.NET, Entity Framework
- ASP.NET, MVC4
- Windows Forms, Web Forms
- Generics, LINQ, Encoding
- Entity Framework, nHibernate

UI Frameworks & Web Technologies

- Microsoft MVC4 / AJAX / JQuery
- WPF/XAML, WinForms
- DOM, JQuery, AngularJS, Mithril
- HTML5, CSS3, Sass, Less, Compass, HAML
- SVG, Canvas, Web Components
- Bootstrap, Foundation
- Ionic / Supersonic
- Java Swing, Vaadin

Development Tools

- Git, TFS, SVN
- Maven, NPM, Bower
- NuGet, Chocolatey, Boxstarter
- Grunt, Gulp, JSHint
- NUnit, JUnit, Jasmine, Mocha
- Handlebars/Moustache
- ANTS, dotTrace, JProfiler
- ReSharper, .NET Reflector
- Chrome Dev Tools
- GenyMotion, Vagrant

SharePoint Technologies & Concepts

- SP & NINTEX Workflows
- SP 2013 REST API
- SP2013 CSOM, JSOM, SSOM
- ODATA, CAML, OAUTH
- SharePoint Powershell
- BCS, BDC, ECT, ACL
- WCM & ECM
- Azure ACS, App Security
- Remote Event Receiver
- KQL & FQL
- MMS API

Programming Concepts

- Promises, Callbacks, Events
- Modules, Closures, Hoisting
- Lambda Expressions

Cryptography

- AES256, PBKDF2
- SHA256, HMAC
- Crypto.JS
- .NET/JAVA Cryptography

Quality Management

- SCRUM, JIRA, Youtrack
- ITIL, ISO 9001

Content Management Systems

- DotNetNuke, Ghost, Joomla

Services



Application Development

Application design, prototyping and programming using C#, JavaScript, WPF/XAML and WinForms. Office 365 Apps in the cloud (Office365 App Model) or local Office Solutions using VSTO/COM Add-Ins or VBA.



SharePoint Solutions

Design, configuration and rollout of SharePoint solutions. WebPart and App Development in C# and JavaScript. Integration with other LOB solutions. Upgrading of MS Access and ASP.NET solutions.



Mobile Development

Mobile Business Apps for iOS and Android using the AppGyver Framework with HTML5/JS/Cordova under the hood. Apps are downloaded via a scanned QR code or can be published to the official App Stores.



Web Design & Development

Responsive websites using HTML5, JavaScript, CSS3, ASP.NET, MVC4, JQuery and frameworks (Bootstrap, Foundation, Ember, Knockout, AngularJS). Complete Web-Design.