



Karsten Held

SharePoint Specialist M365 / GenAI Consultant

Karsten Held
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Personal Profile

A highly skilled and versatile SharePoint, M365, and GenAI consultant with over 20 years of experience in software development, SharePoint architecture, and M365 solutions. Currently leading the development of a market intelligence GPT/RAG solution using Azure AI Studio for Vattenfall. Proven track record of delivering solutions across diverse industries, including finance, telecommunications, and energy. With proficiency in solution architecture, full-stack development, and UX design. Adept at leading technical projects, providing training, and offering third-level support, with certifications in Microsoft technologies. Fluency in German, English, and Hungarian.

Available for freelance/contractor roles in SharePoint, M365, and GenAI development starting April 2025.

Areas of expertise

- **SharePoint:** Site Provisioning, Governance, Web Part Development, Migrations
- **GenAI solutions:** RAG solutions with Azure AI Studio, Copilot Studio, Azure OpenAI Services
- **Full-Stack Development:** C#, TypeScript, React, EF Core, SQL
- **M365 & Power Platform:** Power Apps, Power Automate, SharePoint integration
- **Trainings & Support:** Webinars, third-level support, client training, tech. service coordination
- **Business Automation:** Workflows, data synchronization & integration

Career History



2019 – Now

External SharePoint / M365 / GenAI / Power Platform Consultant at [Vattenfall](#)

- 2024 SharePoint integrated market intelligence solution with Azure AI Studio / Copilot Studio
- 2023 Power App for heating device installation deviations, SharePoint site provisioning solution
- 2022 SharePoint governance, migrations, tenant reporting, trainings / webinars, version clean-up
- 2021 SharePoint development projects, on-top-application support, Power Platform development
- 2019 - 2020 SharePoint technical service coordination, primary admin, 3rd level support

2016 – 2019

External SharePoint / M365 Consultant / Developer at [GASAG](#), [Vattenfall](#), [DHL](#), [Telekom](#)

- 2019 SharePoint / Power Platform event management solution with external mailing service
- 2018 Backend / frontend optimization of internal quote generation app (C#, EntityFramework, SQL)
- 2017 SharePoint / Excel based IT Security Self Assessment solution for DHL
- 2016 SharePoint Product Inventory Management System (JavaScript); Site Provisioning App (C#)

2013 – 2015

Freelance Application Developer at [M-Events](#), [AUC](#), [GEOMAGIC](#)

- Mobile Application Development (iOS, AppGyver), Java Application Development (Vaadin)
- SharePoint Online Consulting, Office 365 and Email migrations

2012

SharePoint Consultant at [Communardo Software GmbH](#), Dresden

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

2008 – 2012

Freelance Web Designer, Application Developer

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

2001 – 2008

Application Developer, Junior Fonds-Manager, Team Lead at [Vescore Solutions AG](#)

- 2006 - 2008 Developed central Asset Management Infrastructure (C#, VBA, Excel, Bloomberg)
- 2004 - 2006 Junior fund manger (Value, Private Equity)
- 2001 - 2004 App Development (Java, Swing, C#, WinForms, SOAP)

2000

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

- Developed 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

Studied Media Design at [Bauhaus-University Weimar](#) (no degree obtained).

LANGUAGES

German, English, Hungarian



Karsten Held

Factsheet

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

SharePoint

Expert

Azure AI Studio

Advanced

Copilot Studio

Advanced

Azure AI Services

Advanced

Power Apps

Expert

Power Automate

Expert

Azure Function Apps

Advanced

Azure Runbooks

Advanced

TypeScript

Advanced

C#

Advanced

PowerShell / PnP

Advanced

Python

Basic

Technology Experience

Programming Languages

- C#, .NET Core, PowerShell
- JavaScript, TypeScript
- Node.js
- Java, VBA, Lua, PL/SQL
- Python
- Azure CLI

Azure Services

- Azure AI Studio / PromptFlow
- Azure Cognitive Search
- Azure OpenAI Service
- Azure API Management
- Azure App Registrations
- Azure Logic Apps
- Azure App Service
- Azure Runbooks
- Azure Functions
- Azure Storage Accounts
- Azure SQL
- Azure API Apps
- Azure CLI

Custom Backends & APIs

- SharePoint REST/CSOM API
- Dropbox REST API
- Bloomberg COM API
- Reuters COM API
- Datastream API
- Firebase REST API
- Google/Yahoo Finance REST

Microsoft 365 Components

- SharePoint Online
- Power Automate
- Power Apps
- AI Builder
- Copilot Studio
- Power Pages
- Power BI
- M365 CLI

Development Tools

- Azure DevOps
- Azure DevOps Pipelines
- VS Code, Visual Studio, ReSharper
- Jenkins
- Git, GitHub, GitHub Copilot
- NPM/Yarn, NuGet, Chocolatey
- Grunt, Gulp, ESLint
- NUnit, Jasmine, Mocha + Chai
- ANTS, dotTrace, JProfiler
- TOAD, SQL*Plus, SQL Developer

Programming Concepts

- Promises, Callbacks, Events
- Modules, Closures, Hoisting
- Lambda Expressions
- Generics, LINQ, Encoding
- Object Oriented Programming
- Functional Programming

On Premise Technologies

- Windows Server
- Active Directory
- MS SQL Server
- IIS (Internet Information Services)
- Group Managed Service Accounts

UI Frameworks & Web Technologies

- SPFx Framework (SharePoint)
- Power Apps Component Framework (PCF)
- React, JQuery, AngularJS, Sencha
- JSON Web Tokens
- CORS, GraphQL
- Blazor, SignalR
- HTML5, CSS3
- SVG, Canvas, Web Components
- Bootstrap
- WPF/XAML, WinForms
- Java Swing, Vaadin

Cryptography

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

Quality Management

- SCRUM, JIRA, Youtrack
- ITIL, ISO 9001

Services



Copilots, GenAI / RAG Solutions

Implementation of Retrieval Augmented Generation solutions using Azure AI Studio and Copilot Studio. Model fine-tuning, evaluation, benchmarking. Advanced prompt engineering using PromptFlow.



Microsoft 365 App Development

Business Process Automation, Power App Development, Extranet Solutions using Power Pages, AI Builder, Microsoft Dataverse Backends, Power Apps Component Framework, Custom Connectors.



SharePoint Solutions

Information Architecture, Solution Design, Custom Collaboration Sites, Document Management Systems, Portals, Web Part Development, Integration with Azure Logic Apps or Power Automate.



Microsoft 365 Consulting

M365 Governance, Intranet solutions, Migration Projects, Data Loss Prevention, Retention Policies, Best Practices, Webinars, End-User Trainings, 3rd Level Support.