

# PORTFOLIO

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## ABOUT THIS DOCUMENT

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Over the past two decades I was able to craft a unique skillset: I create agile software which is used by more than 1,200 users in over 80 countries and spanning *all hierarchy layers* of the company. My applications fulfill the needs of facility members as well as management while collecting, sanitizing and processing data for operations research. In many ways *I provide an interface glueing together all divisions of a company.*

Since I have created a huge variety of projects which greatly exceed the scale of any CV, I decided to create a portfolio. This document will be actively maintained as a living document whenever I have the time to do so. The plan is to reach a concise description of my tasks and projects.

## SCOPE OF MY WORK

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Due to the highly specialized nature of my projects I am forced to work alone, even though I'm a team oriented person. This means that when I mention the *creation of a project* in this document, *every single step* from the drawing board to the finished project has been planned & executed by myself. I'm experienced in a wide range of subjects: System administrator, database design, UI, Webforms, Excel, ..., ..., user support, ..., communication.

## FILEMAKER

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FileMaker has been *the* tool of my choice for more than two decades. I've participated in several courses regarding advanced topics like [insert topics here]. It's an incredibly flexible tool ..... and the Swiss army knife of database development tools. It allows me to provide the glue between Excel, SAP, web and databases while maintaining agile methodologies and applying rapid prototyping.

My typical projects starts with a colleague approaching me with a problem. We discuss the problem, and I develop a prototype in FileMaker which usually takes 2-3 workdays. I present the solution, receive feedback and over the next couple of weeks we

## PROJECTS

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DEPARTMENT	Description
SYSTEM	<b>Automated processing of daily &amp; weekly jobs</b> Trigger and run different tasks by time and sequence
WORK SAFETY	<b>Work-safety</b> Manage & document all aspects of work-safety related topics (e.g.: Register of hazardous substances)
ALL	<b>Data-Analysis</b> Tool to analyze data from multiple Excel-sheets & database data
CONTROLLING	<b>Contribution Margin Analysis</b> Focus on product-, customer- & dedicated customer-details
PURCHASING	<b>Supplier Info-Tool</b> Display & Management of Order-Quantities for suppliers
QUALITY	<b>Error collection card</b> Electronic error collection card with reporting
SERVICE	<b>Service documentation system</b> Service documentation system for printer and tools

QUALITY	<b>Process dashboard</b> Dashboard visualizing all business processes & their implementation status through all company structures
QUALITY	<b>Customer Complaints System</b> Customer- & internal complaints & fault messages for technical & logistic problems, hierarchical error classification, multiple classification possible, workflow processing, categorized actions management and tracking, mail/browser based action result processing, effectiveness checks for actions and faults, mail/browser based processing of effectiveness checks, grouping of complaints according to subject/error, mailing system, attachment handling, several cockpit functions (general & user specific), complex search option incl. "mass search", 8D-Report generation with version management, inform about fault-effects on existing quality contracts, handle multiple complaints from customers belonging to the same error-occurrence, user and workgroup management, creation of excel-form to be forwarded to 3rd-Party, re-import after being filled out.
QUALITY	<b>Customer Complaints System Web-Interface</b>
ALL	<b>Data-Extractors &amp; Converters</b> Convert & extract data from different data-sources like SAP into any required format
ALL	<b>Structured reference table generation</b> Various subjects
PROD. PLANNING	<b>Bill of Material - Solutions</b>
QUALITY	Plan different forecast scenarios, display turn-over effects of articles & tools
ADMINISTRATION	<b>Contracts database</b> Management of all relevant information for multitude of contract types with mail reminder
MRP	<b>Stock reports</b> Automated report generation
QUALITY	<b>Backlog reports</b> Backlog assessment & automatic report creation
	<b>Time recording &amp; documentation ???</b> Collection times of Q-Planners for different projects and cost-centers
WORK SAFETY	<b>Company Physician</b> <i>German medical privacy specification</i> Management of users and different examination types. Documentation of results
PRODUCTION	<b>Product variation request documentation</b>
PLANNING	Visualization of variation subset. Documentation of planned quantities with meta data
QUALITY	Blocked stock documentation & information processing tool
QUALITY	<b>Measuring sample management</b> Sample documentation, e.g. during the "Tool Maturation process"
QUALITY	Quality Contracts Database with BOM analysis
QUALITY	<b>PPM-Rate Info Tool</b> Calculation of PPM-rates for products and product families
QUALITY	Quality reporting by org. structures and quality categories