



Work Experience

Short Studies of IS-U / Service Line

Studies

 2024 11

Built a Ticket System helping to classify service incidents
IS-U Device Management (Geräteverwaltung).

Technologies Used

ABAP OO Development

Python

Odoo 17

IS-U

Developed Odoo Addon

huyreka.de

 2024 10

Odoo List views are a complex JS application on top of
the OWL framework.

A repeated requests for an extension to save column
settings in Browser memory was heard on this years Odoo
conference.

I developed an App to address this.

Technologies Used

Python

Odoo 17

Odoo OWL

Reactive JS Frontend

Developed OdooOData - UI Generator

fileon UG, DE /
OdooOData.com

 2024 01 - 2024 10

Based on earlier project experience I developed a generic
solution for a **change management system**.

In a service oriented architecture, supported by OData APIs
a user can import metadata from a service url and configure
the generated UI module.

Premium Extensions will allow the use of a proxy to the
service publisher or an audit of change orders.

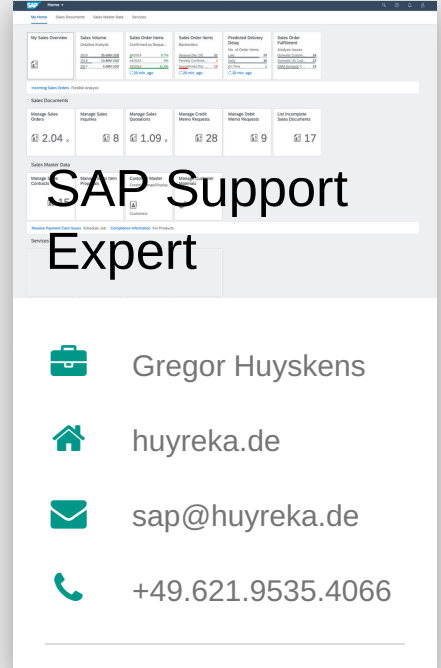
Technologies Used

ABAP OO Development


Python


Odoo 16


OData




**SAP Support
Expert**

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Developing a Farm Production Tracking System

AHA
Services, TH

 2023 6 - 2023 12

From concept to implementation of the first versions I led the development of a production tracking system.

The goal was to enable farm owners to monitor, compare, and plan production quantities seamlessly using an open-source ERP solution.

Technologies Used

Python

Odoo 16

KIVY Android Apps

JS Aquaponics

Developed a Warehouse Picking App

BuuM
Umwelttechnik, DE

 2023 4

Designed and implemented an **Android app** for warehouse picking.

The app allows for the display of picking orders and utilizes a QR code scanner to identify order items, ensuring accuracy and efficiency in the picking process.

Technologies Used

Python

Odoo 16

QRcode Scanner

Android Apps

JS, Droidsript, MySQL

Developer ABAP w. WebDynpro and Fiori

nag Informatik
AG CH

 2022 3 - 2022 10

As part of the Contract Administration extension project, I utilized my ABAP expertise to correct and build Webdynpros and BAPIs.

Working in three-week sprint cycles, I contributed to the development of custom extended Fiori applications, enhancing user experience and efficiency.

Service Line: Analysis of bug reports led in all cases to solutions or proposals for improvement. Technologies Used

SAP HANA

UI5, Netweaver, ABAP OO, WebIDE

Systems Developer, Founder of Lda in Portugal

Emyune PT
Lda. PT

 2021 3 - 2021 10

The demand for energy and nutrition is rising and **new technologies** have to optimize the use of resources.

Founded Emyune PT, Lda in Lisbon, focusing on innovative farming techniques for microalgae.

We focussed on low cost ponds with off grid power supply and a network integrated management system. We suggested cooperations with ISA (Instituto Superior da Agronomia) and local organizations.

Learned about:

Algae production

Microcontrollers, Rasberry Pi

Microbiology, Farming

ERP Developer - Odoo Portal Software

fileon UG,
DE

 2021 11 - 2022 2

Improving the Portal Software of fileon.de was required for better usability and customer satisfaction.

Extended Python programs and **optimized backend processes** using QR codes for fast and reliable document identification. Technologies Used

Odoo 14, HTML 5

OWL, Typescript, Image Processing

2nd Level Support, Application Developer

fileon UG / ITSCare
Gbr, DE

 2018 7 - 2022 12

Provided second-level support for AOK's SAP custom development system, serving four million users.

Developed an order application using the Odoo framework to enhance customization and user experience for key users across subsidiaries. This **order application** uses the Odoo (Python ERP) framework to let about 50 key users of 11 subsidiaries identify relevant settings through a CMS, create change orders and track the status of these orders.

The experience led to development of a generic tool presented @ OdooOData.com .

Technologies Used

SAP Customer Service

ITIL Netweaver, ABAP OO, Odoo 14

Python

Docker

SAP ABAP Developer

fileon UG / E.ON BS GmbH

 2017 7 - 2018 6

Supported the redesign of web services and UI changes for E.ON's SAP CRM system, replacing outdated editor tools with new integration methods.

Technologies Used

SAP CRM 7

UI5 Netweaver, ABAP OO, Webservices, GMC,
InspireXML

SAP ABAP Developer

fileon UG / Atotech Berlin

 2017 6

Assisted Atotech in preparing for the migration to HANA DB, developing code parsers and workbenches to streamline the process and reduce manual efforts.

Technologies Used

SAP HANA

ABAP on HANA

Netweaver 7.4

Training ABAP Developers

ERP / Mobile App Developer Logistics

fileon UG / CCS Cargo City
Sued GmbH

 2017 3 - 2017 6

Developed ERP-integrated solutions for CCS Cargo City Sued GmbH, focusing on improving transport logistics efficiency through mobile applications and smart technologies. Technologies Used

Odoo Python ionic framework

Android Im- and Export, Airfreight

Develop Integration of SAPUI5 with web2py

fileon
UG

 2017 1 - 2017 2

Integrated SAPUI5 with web2py, leveraging the strengths of both frameworks to build interactive models and applications for backend management. Technologies Used

SAP HANA

OpenSQL, web2py, web2py DAL, HTML5

SAP ABAP Developer and Trainer

nearcons SAS, IT /
Prismian Group

 2016 6 - 2016 9

Supported HANA upgrade projects and provided training for ABAP developers on new features and requirements. Developed key tools and reports for process optimization.

Technologies Used

SAP HANA

UI5, SAP Netweaver, ABAP OO

SAP ABAP Developer

Quanta SpA, Poste Italiane, RM,
IT

 2016 2 - 2016 4

Worked on backend integrations for CRM 7 systems, developed order export functionalities, and created custom reports for enhanced data visualization.

Technologies Used

CRM 7 Webservices, Netweaver, ABAP OO

Developing Spirulina Farming Concept Studies

 2016 10 - 2016 12

Explored the potential of microalgae farming for nutrition and energy production, collaborating with research institutions to develop scalable and cost-effective farming solutions.

Technologies Used

Spirulina, Algae Production
ROI-Calculations, Nutrition, Biofuels

SAP ABAP Developer

WIPRO Ltd., SAP SE, Walldorf,
DE

 2015 5 - 2015 12

Developed Fiori-like applications for S/4 HANA, focusing on supplier evaluation and MM-PUR standard function extensions to comply with new legislation.

Technologies Used

SAP HANA CDS Views
SAP Netweaver, ABAP OO, SAP ECC 6.0, MM-PUR,
Odata

SAP ABAP Developer

fileon UG / Riegele KG,
Augsburg

 2015 11 - 2015 12

Upgraded EMCS XML Tax Application for SAP ERP, implementing syntactical and functional extensions to comply with regulatory changes.

Technologies Used

EMCS XML

SAP MM

Netweaver, ABAP Reporting

Web Application and Business Developer

fileon UG / A&O
GmbH

 2014 12 - 2015 5

Design and implementation of archiving services for SMEs
Complete development of backend and frontend modules on OpenERP Business plan und calculation for start up

Technologies Used

Python

Linux Webservers, OpenERP

SAP ABAP Technical Analyst

Tech Mahindra Ltd. / BASF -
Business Services, DE

 2013 10 - 2014 9

Provided support for SAP systems in compliance with REACH legislation, specializing in EHS, Material Management, GTS, ALE, and Label Management.

Technologies Used

SAP HANA

UI5, SAP Netweaver, ABAP OO

SAP ABAP Developer

Riegele KG, Augsburg

 2012 9 - 2012 10

Developed EMCS XML tax application for a brewery (European technology and quality leader), extending standard message types for automated tax declaration.

Technologies Used

SAP 4.5

ABAP

ERP and Python Designer and Developer

HUYREKA Solutions /
OSESoftware Co. Ltd.

 2012 7 - 2012 8

Developed migration tools for OpenERP, analyzed data structures, and tested migration features, contributing to the adoption of open-source ERP solutions.

Technologies Used

Python

OpenERP

SAP ABAP Developer SAP

HUYREKA Solutions / MHP /
Volkswagen AG

 2012 3 - 2012 6

Developed CRM tools and migration programs for Mieschke Hofmann und Partner (mhp.de) / Volkswagen AG, enabling seamless data migration and order management.

Technologies Used

SAP CRM7.0 (1Order)

Sales

Service

BOL

ALE

ERP Design and Development HUYREKA Solutions

 2012 11 - 2013 9

Proposed and implemented OpenERP solutions for trading and legal agencies in Bangkok, integrating ERP processes and web shop functionalities.

Technologies Used

Python, OpenERP

Studies HUYREKA Solutions


 2011 9

Conducted studies on SMB ERP solutions, evaluating market concepts and partnership opportunities with NSD, a leading provider of commercial ERP systems.

Technologies Used

NSD BCS ERP GRP

Studies HUYREKA Solutions

 2011 10 - 2012 2

Researched online operating systems based on JavaScript frameworks, proposing innovative approaches for frontend IDE development.

Technologies Used

OOS JS ExtJS OO Patterns
Software Ergonomics



Education

Physics (Masters Degree)

 University Hamburg

Scientific method is key to success.

