



MARC CUBELLS
Senior Consultant

Philico

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SUMMARY

Highly skilled Avaloq implementation consultant with a longstanding track record in the IT and Financial Services industry. Ability to foster collaborative environments and build strong relationships with clients, partners, and peers. Extensive experience in various programming languages such as SQL, PL/SQL, HTML/CSS/JavaScript, Python, Cypher, C++, and VBA. Certified as Technician in Financial Market Operations by the Swiss Financial Analysts Association.

SKILLS & EXPERIENCE

KEY EXPERIENCES

- Customization specialist in Avaloq's CRM, CLM and Portfolio Management modules
- Avaloq Migration Framework specialist
- Avaloq Report Writing specialist
- Business Analyst role for Compliance and Regulatory Reporting

SKILLS

- Strong communication and problem-solving skills
- Rapid integration to new environments
- Resilient under pressure
- Avaloq specialist since 2014
- Proficient in a wide array of programming languages, including SQL, PL/SQL, Python, HTML, JavaScript, CSS, VBA, and C++
- Developer and Business Analyst for Financial Institutions since 2014

LANGUAGES

French	Working proficiency
Spanish	Mother tongue
Catalan	Mother tongue
English	Written and spoken fluency

PROJECT EXPERIENCE

12.2023 - today

Address Cleanser Web Application

Full Stack Web Developer, Philico Internal Project in Geneva
Design and development of a web application for postal address parsing and cleansing, aiming to improve data accuracy. This tool ingests unstructured data and outputs cleansed and parsed address-related data.
The application was built in Python, incorporating several frameworks:

- **LangChain:** Enabled the use of OpenAI's Large Language Model for effective parsing of source data.
- **SQLite:** Used to create a database for the storage of the input and output data.
- **Flask:** Used to serve the web application to the end user.
- **Jinja2:** Enabled dynamic rendering of the web pages, merging templates with data sources.
- **Tailwind CSS:** Applied for front-end styling, offering a clean and modern user experience.

The application not only automates data cleansing but also allows for manual adjustments by the users.

10.2023 - 11.2023

Leave Request Chatbot Assistant

Full Stack Web Developer, Philico Internal Project in Geneva
Design and development of an AI-powered Chatbot for internal company use, with the aim to streamline the leave request process. This Chatbot translates plain English into formal Leave Requests, ready for approval. It also provides information on the number of days a leave request is approved for and the number of days required for a specific leave period.

The application was developed using Python and integrated a variety of

- **LangChain**: Used to harness the capabilities of Large Language Models (LLMs), enabling accurate understanding of user queries.
- **Streamlit**: Utilized to create a user-friendly frontend chatbot interface, facilitating easy interaction for employees.
- **Pandas**: Implemented to allow users to manually edit the generated leave request proposals directly in the browser.
- **SQLite**: Employed to create a database for hosting the employee's leave requests.

09.2023 - 10.2023

Philico P-Tech Blog

Full Stack Web Developer, Philico Internal Project in Geneva

Design and development a company blog for Philico's employees to showcase and discuss their internal projects. This platform also serves as a knowledge repository and was created using **HUGO**, an open-source Static Site Generator (SSG). **Disqus**, a blog comment hosting service was used to enable threads and comments in the blog posts. The blog is hosted on **GitHub Pages**, making it accessible on the internet.

07.2023 - 09.2023

Google Sheets Sidebar Add-on

Full Stack Web Developer, Philico Internal Project in Geneva

Design and implementation of a Google Sheets Add-on titled "Philico Sidebar," utilizing **HTML**, **CSS**, **JavaScript**, and **Google Apps Script**. This Add-on provides a dynamic Sidebar designed to enhance data management within Google Sheets. It consists of an intuitive form for data input, updating, and deletion.

The Add-on is available on the Google Workspace Marketplace for internal usage. Its backend was developed using **Google Apps Script**, and the front-end was implemented using the **Tailwind CSS** framework.

09.2015 - 07.2023

Global Platform Replacement Programme

Developer / Business Analyst, Large Private Bank in Geneva

Analysis and customisation performed in the following modules:

- CRM, CLM and Account Management
- Portfolio Management and Investment Advisory
- Questionnaire Framework
- Order Validation and Workflow
- Payments
- Foreign Exchange
- Cost and Fees
- Legacy Data extraction and transformation
- Static Data migration and reconciliation
- Access and User Security
- Sensitive Data Separation

01.2015 - 09.2015

Avaloq implementation

Implementation Consultant, BPO for Private Banks in Zürich

Analysis and customisation performed in the following modules:

- Static Data migration and reconciliation
- Questionnaire Framework
- Order Validation and Workflow

06.2014 - 12.2014

Business Process Workflow Project

Developer, Retail Bank in Barcelona

Business Process Workflow analysis and implementation using Visual Paradigm.

BPMN (Business Process Model and Notation) used as modeling diagram standard.

11.2017 - 10.2019 **Core Banking Senior Consultant**

GFT Technologies Schweiz AG, Zürich

05.2014 - 10.2017 **Core Banking Consultant**
GFT IT Consulting, S.L., Barcelona

DEGREES

06.2013 **Master of Science, Telecommunication Engineering**
Technical University of Catalonia, Barcelona

06.2010 **Bachelor of Science, Telecommunication Engineering**
Technical University of Catalonia, Barcelona

CERTIFICATES

06.2023 **Expert in financial market operations FMO**
Swiss Financial Analysts Association SFAA, Bülach

07.2022 **Technician in financial market operations FMT**
SFAA Swiss Financial Analysts Association, Bülach

11.2021 **Entry Certificate in Business Analysis**
International Institute of Business Analysis, Zürich

04.2020 **Certified Scrum Professional**
Scrum.org, Zürich

04.2020 **Professional Scrum Master I (PSM I)**
Scrum.org, Zürich

11.2017 **Certified Professional for Requirements Engineering Foundation Level**
(IREB) International Requirements Engineering Board, Zürich

06.2014 **Avaloq Certified Professional**
Avaloq AG, Zürich