Silyas D. Bieri

Developer

I am a software developer with the ability to recognize potential in optimizing and automating a wide variety of processes. My attention is on the details in the front-end and efficiency in the back-end.

Apart from programming, I can't limit myself to one hobby. My quote is **"Ich will mol alles gmacht gha ha"**, which translates to "I want to have had done everything". In my free time, I am currently delving into the "home organization" rabbit hole and also started cooking in a variety of ways.

Work Experience

Stacksync SA

since Jun. 2024
1030 Bussigny

Full-Stack Developer

At Stacksync, I was able to build the workflows tool from the ground up. Being able to create a flow tool as a low-code environment for other developers. Writing the backend in Python and the frontend in NextJS. Adding debugging tools and working on the execution algorithm, helped me to understand the necessity of creating a stable user experience.

- **Frontend Development of Stacksync Workflows** ⚫ ⚛️ TS
  Check it out at https://workflows.stacksync.com
- **Backend Development of Stacksync Workflows** 🐍 🐳 ☁️ 🐘
  inkl. deployment on GCP
- **Development of Stacksync Workflow Modules** 🐍 🐳
  with the integration on the frontend

Donument

Feb. 2023 - Jun. 2024
9000 St. Gallen

| Frontend | Backend |

During this time, I worked on my own product: Donument. A "version-controlled sort-of-social document store". The work on something useful and new has sparked me with great joy. I was constantly supported by family, work-colleagues and friends (offline as well as online).

- **Backend** ⚙️
  Business-Logic & Database Management
- **Frontend** 🔶 TS
  Svelte
- **Frontend Rewrite** 🔷 TS ⚛️
  Qwik & React
- **qsonforms** 🔷 TS ⭕
  Opensource dynamic form-creation package for qwik

BitHawk AG

Feb. 2020 - Jan. 2023
6210 Sursee

| End-User Support |

In my experience with end-user support, I honed my customer interaction skills. By implementing automation techniques, I was able to significantly reduce user mutation times from 1 to 1.5 hours per user to just 5 to 10 minutes.

- **Client-Side & Server-Side Support**
- **Microsoft 365**
  inkl. Azure, Exchange, Power Apps, etc.
- **UM-Automation (User-Mutation)** 🔲
  User- and customer-creation, mutations and deletions
- **SOS-Automation (Silyas On Speed)** 🔲
  Automating everyday work
- **beautifulSNOW (Chrome Extension)** JS HTML CSS
  Opensource extension for the automation of ServiceNow

swissplast group

since 2011 various assignments in the family business
Switzerland / Germany

Freelancer

Whenever needed, I could prove my skills and knowledge in the family business.

- **Collaboration on the integration of the new ERP (SAP)** 📘
  Data transfer / data cleansing (automated)
- **Administartive work and data import for Salesforce as the main CRM** ☁️
- **Automation of various spreadsheets** 📦
- **Collaboration on the integration of the new ERP (Odoo)** 🐍
  Data transfer / data cleansing (automated)
- **Creation of webpage, web design and administration**
- **Administration / Office / AVOR**
- **Machine operator CNC / thermoforming**
- **Support tool construction & final assembly**

Webrebels GmbH

Apr. 2019 - Oct. 2019
6003 Lucerne

IT-Support (2nd Level)

Potencial customers could only be entered into Salesforce if you knew how to contact them. Scraping became a topic and website reverse engineering a passion.

- **Telephone and written customer contact**
  1st Level Support
- **Analysis and documentation of software/hardware problems**
- **Project support of Salesforce as the main CRM** ☁️
  Setting up objects, rules and scripts
- **Migration from Zendesk to Salesforce** ⬛ ☁️
  Data transfer / data cleansing (automated)
- **Installation and connection of Salesforce apps** ☁️
- **Development of chrome extensions** 🟨 🟧 🟦
  Ease of use and client-side automatation for Salesforce

Salt Mobile SA

Mar. 2018 - Sep. 2018 (Zürich)
8005 Zürich

Sep. 2016 - Feb. 2017 (Renens)
1020 Renens

Trainee, Operations & SMC (2018)

Trainee, Solutions (2016)

2018 (Zürich): The freedom from my boss allowed me to expand my VBA knowledge and get to know my first love, JavaScript. The VBA macros are still in use to this date.

2016 (Renens): At this time I discovered the world of automation. Found out why you don't have to use Excel manually, but can replace everyday, boring work using VBA.

- **Perform laptop support tasks within the Office Support team**
- **Iperf3 tests to determine the speed of Salt Fiber**
- **Automation with VBA** 🧱
  of Excel files and Outlook organisation & e-mails
- **Preparation of new equipment for the Salt branch expansion project**

- **Perform laptop support tasks within the Office Support team**
- **Technical Maintenance work in the DataCenters**
  cabling, hardware installation, etc.
- **Reqwrite SQL queries**
  Adaptation Oracle to PostgreSQL
- **Install & Configure DELL servers with CentOS**

Koller Elektro-Anlagen AG

3 weeks in summer 2016
9053 Teufen

2 weeks in spring 2015
9053 Teufen

Internship (2016)

Internship (2015)

During the holidays I was able to earn my pocket money as an electrical installer intern at Elektro Koller. With which I was able to buy my first high-end PC with an Nvidia GeForce 970.

Appenzellerbeck Koller

3 weeks in summer 2016
9052 Niederteufen

Internship (2016)

In the Kanti (college-preparatory school) I bought the old sandwiches from Koller Beck for 1 CHF each and resold them at school for 2 CHF. When that time came to an end I had to earn money differently and went straight to the source to work.

Education

School

Kantonsschule Trogen
2012 - 2016

Main Subject: Mathematics & Physics
Secondary Subject: Psychology

Seminars

University of St. Gallen
2023 (1 week)

St. Gallen seminar for family businesses

Group Projects

University of St. Gallen
2022 - 2023

Group Project: Sustainable start-ups
More Info

Rainbois
2021 - 2022

Group Project: NFT Automation
More Info

Trainings

Microsoft
(Certificate)

Microsoft Azure Fundamentals (AZ-900)
More Info

ServiceNow Inc
2020 (2 days)

Customer Service Management Implementation

ServiceNow Inc
2020 (2 days)

Customer Service Management Fundamentals

robotized rm systems GmbH
2018 (3 days)

Mastercam Training

axxelia GmbH & Co. KG
2018 (3 days)

Odoo Training

Languages

Mother Languages

English
Mother language

Advanced C1, 5 years in Chicago

German
Mother language

+ Swiss German

Hindi
Mother language

about every 4 years in India

Other Languages

French
School

Delf B1, 6 months in Lausanne

Spanish
Duolingo

Saphire League

Stack

Work

Google Cloud Platform
Google

with Docker on Cloud Run

Microsoft 365
Microsoft

with VBA

Exchange Admin Center
Microsoft

Doc Contributor
More Info

Teams Admin Center
Microsoft

at work

Azure
Microsoft

at work

Citrix Director
Citrix

at work

Current

Git & GitHub
Version Control

Account
More Info

NixOS
Operating System

dotfiles
More Info

Neovim
Editor

More Info

Emacs
Editor

with Vim-Bindings
More Info

Donument
Document Store

Account
More Info

Projects

migros-api-wrapper
API Wrapper for Migros

Typescript

☆ 26 Stars

dolt-dieselrs-tutorial
Connecting Dolt with dieselrs

Rust

beautifulSNOWPlugin
Extension for ServiceNow

Javascript • HTML • CSS

vim-himalaya-ui
View your mails in vim

Vimscript • Lua

☆ 46 Stars

qsonforms
Form Builder for Donument

Typescript • Qwik

☆ 2 Stars

syncribullet
Sync Service for Stremio

Typescript

☆ 101 Stars

AADInternals.js
TS version of AADInternals

Typescript

☆ 1 Star

qwik-auth
fix(auth): Cookies get updated if session...

Typescript • Qwik

⑂ Pull Request

ts-rust-zig-deez
Interpreter in Excel & Scratch

Google Sheets • Scratch

⑂ Pull Request

NNfSiX
Neural Network with Excel

Excel

⑂ Pull Request