Dario Schaffner

**Personal Data**

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**School**

Department Vocational School GIBZ, Zug, Information Technology

Class INFA-/BMI-3a

**Company/Firm exanic AG – Digital Factory**

Start of Apprenticeship 2020

End of Apprenticeship 2024

Job Title Apprentice IT Application Developer / EFZ

Field of Work Application Engineering

**Education**

GIBZ – Zug, CH 2020-2024 (Apprenticeship)

High School - Newbury Park, CA 2018-2019 (Grades 10-11)

BGN – Salzburg, AT 2014-2017 (Grades 6-9)

DSJ – Johannesburg, SA 2009-2014 (Grades 1-5)

**Language**

German Mother Tongue

English Fluent - lived in English speaking countries for 7 years

French Fulfilled Vocational Baccalaureate

Spanish 1.5 years in High School

**Hobbies**

Programming Improving my knowledge and working on personal projects.

Sport Part of High School Varsity Swim-Team, Volleyball, Skiing.

Music 12 years playing the drums, 2 years in a Band in Austria.

Creative Video and Photo editing, Doodling, and composing music.

Motivation

As an application developer, I am passionate about my work and consistently strive to improve my skills and knowledge. I have always been a team player and enjoy collaborating with other developers. Being part of a team allows me to learn from others, share my ideas, and build on each other's strengths.

One of the things I enjoy most about being a developer is the opportunity to learn new things continuously. The tech industry is constantly evolving, and staying up to date with the latest technologies is crucial to remain competitive. The program would provide me access to the knowledge of industry experts and the latest developments in the field, enabling me to improve my skillset even further.

The Silicon Valley IT Program would challenge me to learn new things, take on new projects, and push myself to new limits. I am confident it would allow me to get closer to my personal and professional goals.

In conclusion, I am very excited about being part of such a once-in-a-lifetime opportunity and am confident I would be a valuable team member.

Qualification-Competence Areas

**X** Application Engineering

☐ System Engineering

**X** Web Engineering

**X** Mobile Application

**X** IoT Engineering

☐ Database Engineering

☐ IT-Hardware

☐ Social Media platform management

**X** Others: Artificial Intelligence

Other Comments:

Web Engineering:

* Real-Time-Web Application using SignalR or similar
* Deploying and managing Web Applications
* Web Security

Mobile Application

* Developing a Mobile Application
* UI / UX of Mobile Applications

IoT Engineering

* Learning how devices like Alexa work
* “Smart Cities”
* Autonomous Vehicles

Artificial Intelligence

* Machine Learning and their algorithms
* Computer Vision

IT Competences (Working experience and/or grade)

# Working Experience

### **Work**

### The main project I work for is called “e-mergency”. It is an application designed to assist people in emergencies. We use Angular for our front end and a C# .Net Framework / Core for our Backend with various Databases like MongoDB and SQL.

### When I was introduced to the project, I started writing automated UI tests using Selenium running on Jenkins servers. As I continued to gain knowledge of the project's architecture and functionality, I was able to implement new features and start fixing bugs logged in our sentry tool. Implementing new Features included various UI changes, creating new API controllers, and services modifying data. One of the features I implemented was a drag and drop content management feature for our clients to customize the content they see in our mobile app.

### At work, I have also taken on the role of a tutor, helping students who need extra support in their academic pursuits. This includes helping with programming as well as other subjects such as mathematics. It feels good to be able to share my knowledge and skills with others and help them achieve their goals.

### I have been part of the team working on the application since the beginning of my apprenticeship at exanic AG.

### **Personal**

My Portfolio:

* I’ve always thought of creating my website and deploying it online. Once I had gathered enough experience and created a few applications myself, I started working on the website. It tells people about my past work experience, gives them an insight into my education, and displays some of the Projects I have worked on or created myself.
* Website: <https://myffo.social>

GIBZ-App

* GIBZ App is a mobile Application written in Flutter (Dart). The application is a result of a school subject in which students had the opportunity to expand and improve it further. My group created a new feature for the students to view their schedules in the app. The project was rather hard since we had no experience with the framework but it was successful in the end.

CyberGen

* CyberGen is a revolutionary NFT project that allows you to become an owner in a decentralized company. We used AI to generate unique NFTs. I was their full-stack dev creating their websites and minting process. Sadly, the project is no longer ongoing since the owner had to focus on other priorities.

Teeze-Bot

* This is a project which was developed with a friend. It’s an application with which you can automate the process of buying limited sneakers. It was built using WPF, Selenium C#, and Chrome Driver.

Staffbite

### Staffbite is a project we created as practice for our computer science final. It is a tool for our School administrators and teachers to improve their everyday life. The tool was developed by a team of three. My part was creating the front (with Angular) and backend (C# .Net Core), and writing UI and unit tests. Part of the project was also writing a 58-page paper.

# Performance

Below you will find a list of all my grades that I have received in school. Those are the “modules” I have completed since the start of my apprenticeship.

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| --- | --- |
| **Grade** | **Module** |
| 6.0 | M100 Prepare and evaluate data characters |
| 6.0 | M120 Implement user interfaces |
| 6.0 | M133 Realize web application with session handling |
| 6.0 | M150 Customize e-business applications |
| 6.0 | M404 Object-based programming according to specifications |
| 6.0 | M426 Developing software with agile methods |
| 5.5 | M121 Edit control tasks |
| 5.5 | M122 Automating processes with scripting languages |
| 5.5 | M151 Integrating databases into web applications |
| 5.5 | M153 Develop data models |
| 5.5 | M226A Object-oriented implementation |
| 5.5 | M226B Object-oriented implementation |
| 5.5 | M326 Design and implement in an object-oriented manner |
| 5.5 | M403 Implement program sequences procedurally |
| 5.5 | M411 Design and apply data structures and algorithms |
| 5.0 | M104 Implement data models |
| 5.0 | M114 Use coding, compression, and encryption methods |
| 5.0 | M242 Realize microprocessor application |
| 5.0 | M306 Handle small IT project |

Personal details and consent of parents

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We hereby give our consent for our son/daughter to participate in the *Silicon Valley IT Talents Program* from 2 to 20.10.2023. We agree to cover the costs not covered by grants/ foundation contributions.

Hiermit geben wir unser Einverständnis für die Teilnahme unseres Sohnes/unserer Tochter am *Silicon Valley IT Talents* Programm vom 2. bis 20.10.2023. Wir erklären uns bereit, die nicht von Fördergeldern/ Stiftungs-beitrag gedeckten Kosten zu übernehmen.

We hereby declare that our son/our daughter has sufficient insurance coverage for the period of the internship in the US (health insurance, personal liability insurance, travel cancellation insurance).

Wir erklären hiermit, dass unser Sohn/unsere Tochter für den Zeitraum des Praktikums in den USA über einen ausreichenden Versicherungsschutz verfügt (Krankenversicherung, Privathaftpflichtversicherung, Reiserücktrittsversicherung).

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